

Table S1. Cross-validation testing the robustness of the classifier. Validation is repeated for the ten possible combinations of selecting different batches as training and test set.

Table S2. A) Mapping of capture probes to the latest rev. 17.0 of miRbase (mature miRNAs). B) Mapping of capture probes to the latest rev. 17.0 of miRbase (premiRs).

Figure S1. Unsupervised hierarchical clustering. Heat-map and two-way unsupervised hierarchical clustering based on the 209 most variable miRNAs ($SD > 0.2$) showing almost complete separation of the 148 arrays into non-malignant (top bar, green label) and malignant (top bar, red label) samples.

Figure S2. Predictor discovery by nearest shrunken centroids. Classifier training was performed with microarray expression measurements of the top-3 most significantly induced and top-3 most significantly repressed microRNAs in the training set. **A.** The effect of increasing the centroid threshold value on the classification error. Error bars calculated from 10-fold cross validation of the training set samples. **B.** Relative contributions of each miRNA in the BDN and CTCL shrunken centroids, quantified as the distance to the overall centroid.

Figure S3. Performance of next-best sets of miRNAs for classification. Excluding the miRNAs selected for classification in the previous round, miRNAs were selected and a nearest shrunken centroid classifier trained on the remaining set of miRNAs, and the accuracy in training and test set plotted. The number of miRNAs in the trained classifier in each round depends on the extent of the shrinking.

Figure S4. miR-21 expressions measured by microarray for all sub indications included in the study. miR-21 expressions are grouped according to sub indication (abbreviations as in table 1).

Figure S5. *miRNA classification is robust and resistant to topical steroid treatment of psoriasis patients.* **A.** Classification performance. **B.** Bar plots of the relative expression of the individual classifier miRNAs. **C.** Total Clinical Score (TCS). The TCS is defined as the sum (from 0 to 9) of clinical scoring of erythema, scaling, and infiltration (each on a scale from 0 to 3). The TCS was obtained at the initiation and after 29 days of topical treatment with steroid of three patients with plaque psoriasis.

Figure S6. *Expression of miR-711 measured by TaqMan qRT-PCR.* Expression is grouped according to patient type (BDN and CTCL respectively). Within each group, there is a small scatter on the x-axis to allow better visualization of all measurements.

Figure S7. *qRT-PCR-based classification of samples from patients with Benign dermatosis (BDN) and Mycosis Fungoides (MF).* A Cp based sample score (S) was calculated for each sample (see Fig. 7). MF patients are ordered according to clinical stages (I to IV) and thick grey lines indicate mean sample score in each stage and for the BDN samples. Patients with a sample score below 6.52 (black solid line) are being classified as CTCL (c.f. Fig. 7). The dotted lines show the cut-offs for the low confidence region. Using non-parametric Wilcoxon rank-sum test, we test for significance of differences in mean sample score between BDN and each of the MF stages, and get $P=2.3e-4$ (MF I vs BDN), $P=2.7e-7$ (MF II vs BDN), $P=0.093$ (MF III vs BDN, only one MF III sample), and $P=5.1e-6$ (MF IV vs BDN).

Table S1

Round	Batches selected for test set	n test (CTCL)	n test (BDN)	Batches selected for training set	n (CTCL)	n (BDN)	Accuracy (train)	Accuracy (test)	miRNAs in classifier
1	1,2	25	34	3,4,5	38	51	0.94	0.95	203, 205, 299-5p, 663b, 711, 718
2	1,3	25	33	2,4,5	38	52	0.93	0.97	203, 205, 326, 663b, 711
3	1,4	27	34	2,3,5	36	51	0.95	0.89	203, 326, 663b, 718, 1252, 1249
4	1,5	25	35	2,3,4	38	50	0.95	0.92	203, 205, 663b, 711, 718, 1252
5	2,3	24	33	1,4,5	39	52	0.91	0.98	203, 205, 299-5p, 663b, 711
6	2,4	26	34	1,3,5	37	51	0.95	0.92	34b, 203, 663b, 1249, 1252
7	2,5	24	35	1,3,4	39	50	0.94	0.93	34b, 203, 205, 299-5p, 663b, 1249
8	3,4	26	33	1,2,5	37	52	0.93	0.94	203, 205, 663b, 665, 1252
9	3,5	24	34	1,2,4	39	51	0.93	0.93	203, 205, 663b, 711, 1285
10	4,5	26	35	1,2,3	37	50	0.97	0.89	203, 490-3p, 663b, 1249, 1252

Table S2A

Probe_ID	miR_ID miRBase 15.0	# targets	MIMAT ID	miR_ID miRBase 17.0
17748	blank	1	MIMAT0000062	hsa-let-7a
146011	hsa-let-7a	1	MIMAT0000062	hsa-let-7a
42530	hsa-let-7a-2*	1	MIMAT0010195	hsa-let-7a-2*
17888	hsa-let-7a*	1	MIMAT0004481	hsa-let-7a*
17749	hsa-let-7b	1	MIMAT0000063	hsa-let-7b
42769	hsa-let-7b*	1	MIMAT0004482	hsa-let-7b*
145820	hsa-let-7c	1	MIMAT0000064	hsa-let-7c
19004	blank	1	MIMAT0000064	hsa-let-7c
46437	blank	1	MIMAT0000065	hsa-let-7d
145968	hsa-let-7d	1	MIMAT0000065	hsa-let-7d
145633	hsa-let-7d*	1	MIMAT0004484	hsa-let-7d*
46436	blank	1	MIMAT0000066	hsa-let-7e
145846	hsa-let-7e	1	MIMAT0000066	hsa-let-7e
42743	hsa-let-7e*	1	MIMAT0004485	hsa-let-7e*
17752	hsa-let-7f	1	MIMAT0000067	hsa-let-7f
46435	blank	1	MIMAT0000067	hsa-let-7f
145840	hsa-let-7f-1*	1	MIMAT0004486	hsa-let-7f-1*
42742	hsa-let-7f-2*	1	MIMAT0004487	hsa-let-7f-2*
46438	hsa-let-7g	1	MIMAT0000414	hsa-let-7g
42778	hsa-let-7g*	1	MIMAT0004584	hsa-let-7g*
9938	hsa-let-7i	1	MIMAT0000415	hsa-let-7i
145746	hsa-let-7i*	1	MIMAT0004585	hsa-let-7i*
10916	hsa-miR-1	1	MIMAT0000416	hsa-miR-1
145943	hsa-miR-100	1	MIMAT0000098	hsa-miR-100
145694	hsa-miR-100*	1	MIMAT0004512	hsa-miR-100*
31026	hsa-miR-101	1	MIMAT0000099	hsa-miR-101
17935	hsa-miR-101*	1	MIMAT0004513	hsa-miR-101*
10919	hsa-miR-103	1	MIMAT0000101	hsa-miR-103a
146223	hsa-miR-103-2*	1	MIMAT0009196	hsa-miR-103a-2*
146033	hsa-miR-103-as	1	MIMAT0007402	hsa-miR-103b
5250	hsa-miR-105	1	MIMAT0000102	hsa-miR-105
42562	hsa-miR-105*	1	MIMAT0004516	hsa-miR-105*
46801	hsa-miR-106a	1	MIMAT0000103	hsa-miR-106a
42508	hsa-miR-106a*	1	MIMAT0004517	hsa-miR-106a*
19582	hsa-miR-106b	1	MIMAT0000680	hsa-miR-106b
17854	hsa-miR-106b*	1	MIMAT0004672	hsa-miR-106b*
10923	hsa-miR-107	1	MIMAT0000104	hsa-miR-107
13485	hsa-miR-10a	1	MIMAT0000253	hsa-miR-10a
28019	hsa-miR-10a*	1	MIMAT0004555	hsa-miR-10a*
10925	hsa-miR-10b	1	MIMAT0000254	hsa-miR-10b
42969	hsa-miR-10b*	1	MIMAT0004556	hsa-miR-10b*
46822	hsa-miR-1178	1	MIMAT0005823	hsa-miR-1178
46735	hsa-miR-1179	1	MIMAT0005824	hsa-miR-1179
42848	hsa-miR-1180	1	MIMAT0005825	hsa-miR-1180
46675	hsa-miR-1181	1	MIMAT0005826	hsa-miR-1181
46738	hsa-miR-1182	1	MIMAT0005827	hsa-miR-1182
46880	hsa-miR-1183	1	MIMAT0005828	hsa-miR-1183
46258	hsa-miR-1184	1	MIMAT0005829	hsa-miR-1184
46419	hsa-miR-1185	1	MIMAT0005798	hsa-miR-1185
46617	hsa-miR-1197	1	MIMAT0005955	hsa-miR-1197
46272	hsa-miR-1200	1	MIMAT0005863	hsa-miR-1200
46832	hsa-miR-1202	1	MIMAT0005865	hsa-miR-1202

46411	hsa-miR-1203	1	MIMAT0005866	hsa-miR-1203
46791	hsa-miR-1204	1	MIMAT0005868	hsa-miR-1204
46860	hsa-miR-1205	1	MIMAT0005869	hsa-miR-1205
46779	hsa-miR-1206	1	MIMAT0005870	hsa-miR-1206
46345	hsa-miR-1207-3p	1	MIMAT0005872	hsa-miR-1207-3p
46565	hsa-miR-1207-5p	1	MIMAT0005871	hsa-miR-1207-5p
46766	hsa-miR-1208	1	MIMAT0005873	hsa-miR-1208
19583	hsa-miR-122	1	MIMAT0000421	hsa-miR-122
42551	hsa-miR-122*	1	MIMAT0004590	hsa-miR-122*
46800	hsa-miR-1224-3p	1	MIMAT0005459	hsa-miR-1224-3p
46462	hsa-miR-1224-5p	1	MIMAT0005458	hsa-miR-1224-5p
46684	hsa-miR-1225-3p	1	MIMAT0005573	hsa-miR-1225-3p
46541	hsa-miR-1225-5p	1	MIMAT0005572	hsa-miR-1225-5p
46309	hsa-miR-1226	1	MIMAT0005577	hsa-miR-1226
46246	hsa-miR-1226*	1	MIMAT0005576	hsa-miR-1226*
46806	hsa-miR-1227	1	MIMAT0005580	hsa-miR-1227
46695	hsa-miR-1228	1	MIMAT0005583	hsa-miR-1228
46222	hsa-miR-1228*	1	MIMAT0005582	hsa-miR-1228*
46689	hsa-miR-1229	1	MIMAT0005584	hsa-miR-1229
46531	hsa-miR-1231	1	MIMAT0005586	hsa-miR-1231
46326	hsa-miR-1233	1	MIMAT0005588	hsa-miR-1233
46696	hsa-miR-1234	1	MIMAT0005589	hsa-miR-1234
46624	hsa-miR-1236	1	MIMAT0005591	hsa-miR-1236
46850	hsa-miR-1237	1	MIMAT0005592	hsa-miR-1237
46690	hsa-miR-1238	1	MIMAT0005593	hsa-miR-1238
14328	hsa-miR-124	1	MIMAT0000422	hsa-miR-124
42898	hsa-miR-124*	1	MIMAT0004591	hsa-miR-124*
46439	hsa-miR-1243	1	MIMAT0005894	hsa-miR-1243
46404	hsa-miR-1244	1	MIMAT0005896	hsa-miR-1244
46321	hsa-miR-1245	1	MIMAT0005897	hsa-miR-1245
46514	hsa-miR-1246	1	MIMAT0005898	hsa-miR-1246
145977	hsa-miR-1247	1	MIMAT0005899	hsa-miR-1247
46427	hsa-miR-1248	1	MIMAT0005900	hsa-miR-1248
46210	hsa-miR-1249	1	MIMAT0005901	hsa-miR-1249
46214	hsa-miR-1250	1	MIMAT0005902	hsa-miR-1250
46275	hsa-miR-1251	1	MIMAT0005903	hsa-miR-1251
46924	hsa-miR-1252	1	MIMAT0005944	hsa-miR-1252
46707	hsa-miR-1253	1	MIMAT0005904	hsa-miR-1253
46750	hsa-miR-1254	1	MIMAT0005905	hsa-miR-1254
46380	hsa-miR-1255a	1	MIMAT0005906	hsa-miR-1255a
46402	hsa-miR-1255b	1	MIMAT0005945	hsa-miR-1255b
46717	hsa-miR-1256	1	MIMAT0005907	hsa-miR-1256
46640	hsa-miR-1257	1	MIMAT0005908	hsa-miR-1257
46869	hsa-miR-1258	1	MIMAT0005909	hsa-miR-1258
17942	hsa-miR-125a-3p	1	MIMAT0004602	hsa-miR-125a-3p
10928	hsa-miR-125a-5p	1	MIMAT0000443	hsa-miR-125a-5p
30787	hsa-miR-125b	1	MIMAT0000423	hsa-miR-125b
145838	hsa-miR-125b-1*	1	MIMAT0004592	hsa-miR-125b-1*
42845	hsa-miR-125b-2*	1	MIMAT0004603	hsa-miR-125b-2*
4610	hsa-miR-126	1	MIMAT0000445	hsa-miR-126
33596	hsa-miR-126*	1	MIMAT0000444	hsa-miR-126*
145975	hsa-miR-1260	1	MIMAT0005911	hsa-miR-1260
46248	hsa-miR-1261	1	MIMAT0005913	hsa-miR-1261

46872	hsa-miR-1262	1	MIMAT0005914	hsa-miR-1262
46747	hsa-miR-1263	1	MIMAT0005915	hsa-miR-1263
46732	hsa-miR-1264	1	MIMAT0005791	hsa-miR-1264
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46517	hsa-miR-1266	1	MIMAT0005920	hsa-miR-1266
46633	hsa-miR-1267	1	MIMAT0005921	hsa-miR-1267
46558	hsa-miR-1268	2	MIMAT0005922	hsa-miR-1268
46558	hsa-miR-1268	2	MIMAT0018925	hsa-miR-1268b
46746	hsa-miR-1269	1	MIMAT0005923	hsa-miR-1269
42829	hsa-miR-127-3p	1	MIMAT0000446	hsa-miR-127-3p
42692	hsa-miR-127-5p	1	MIMAT0004604	hsa-miR-127-5p
46752	hsa-miR-1270	1	MIMAT0005924	hsa-miR-1270
46627	hsa-miR-1271	1	MIMAT0005796	hsa-miR-1271
46363	hsa-miR-1272	1	MIMAT0005925	hsa-miR-1272
46623	hsa-miR-1273	1	MIMAT0005926	hsa-miR-1273
46620	hsa-miR-1275	1	MIMAT0005929	hsa-miR-1275
46642	hsa-miR-1276	1	MIMAT0005930	hsa-miR-1276
46925	hsa-miR-1277	1	MIMAT0005933	hsa-miR-1277
46361	hsa-miR-1278	1	MIMAT0005936	hsa-miR-1278
45775	hsa-miR-1279	1	MIMAT0005937	hsa-miR-1279
33902	hsa-miR-128	1	MIMAT0000424	hsa-miR-128
46698	hsa-miR-1280	1	MIMAT0005946	hsa-miR-1280
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46368	hsa-miR-1282	1	MIMAT0005940	hsa-miR-1282
46367	hsa-miR-1283	1	MIMAT0005799	hsa-miR-1283
46336	hsa-miR-1284	1	MIMAT0005941	hsa-miR-1284
145981	hsa-miR-1285	1	MIMAT0005876	hsa-miR-1285
46295	hsa-miR-1286	1	MIMAT0005877	hsa-miR-1286
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46606	hsa-miR-1288	1	MIMAT0005942	hsa-miR-1288
46340	hsa-miR-1289	1	MIMAT0005879	hsa-miR-1289
145970	hsa-miR-129-3p	1	MIMAT0004605	hsa-miR-129-3p
42467	hsa-miR-129-5p	1	MIMAT0000242	hsa-miR-129-5p
42571	hsa-miR-129*	1	MIMAT0004548	hsa-miR-129*
46921	hsa-miR-1290	1	MIMAT0005880	hsa-miR-1290
46281	hsa-miR-1291	1	MIMAT0005881	hsa-miR-1291
45936	hsa-miR-1292	1	MIMAT0005943	hsa-miR-1292
46416	hsa-miR-1293	1	MIMAT0005883	hsa-miR-1293
46661	hsa-miR-1294	1	MIMAT0005884	hsa-miR-1294
46741	hsa-miR-1295	1	MIMAT0005885	hsa-miR-1295
42710	hsa-miR-1296	1	MIMAT0005794	hsa-miR-1296
46944	hsa-miR-1297	1	MIMAT0005886	hsa-miR-1297
46381	hsa-miR-1298	1	MIMAT0005800	hsa-miR-1298
46788	hsa-miR-1299	1	MIMAT0005887	hsa-miR-1299
46215	hsa-miR-1301	1	MIMAT0005797	hsa-miR-1301
46796	hsa-miR-1302	1	MIMAT0005890	hsa-miR-1302
46625	hsa-miR-1303	1	MIMAT0005891	hsa-miR-1303
46479	hsa-miR-1304	1	MIMAT0005892	hsa-miR-1304
46501	hsa-miR-1305	1	MIMAT0005893	hsa-miR-1305
46223	hsa-miR-1306	1	MIMAT0005950	hsa-miR-1306
42681	hsa-miR-1307	1	MIMAT0005951	hsa-miR-1307
10138	hsa-miR-130a	1	MIMAT0000425	hsa-miR-130a
42718	hsa-miR-130a*	1	MIMAT0004593	hsa-miR-130a*

10936	hsa-miR-130b	1	MIMAT0000691	hsa-miR-130b
42787	hsa-miR-130b*	1	MIMAT0004680	hsa-miR-130b*
10937	hsa-miR-132	1	MIMAT0000426	hsa-miR-132
145634	hsa-miR-132*	1	MIMAT0004594	hsa-miR-132*
46866	hsa-miR-1321	1	MIMAT0005952	hsa-miR-1321
46408	hsa-miR-1322	1	MIMAT0005953	hsa-miR-1322
46614	hsa-miR-1323	1	MIMAT0005795	hsa-miR-1323
46647	hsa-miR-1324	1	MIMAT0005956	hsa-miR-1324
32809	blank	1	MIMAT0000427	hsa-miR-133a
146137	hsa-miR-133a	1	MIMAT0000427	hsa-miR-133a
146160	hsa-miR-133b	1	MIMAT0000770	hsa-miR-133b
42942	hsa-miR-134	1	MIMAT0000447	hsa-miR-134
145679	blank	1	MIMAT0000428	hsa-miR-135a
42839	hsa-miR-135a	1	MIMAT0000428	hsa-miR-135a
42609	hsa-miR-135a*	1	MIMAT0004595	hsa-miR-135a*
10942	blank	1	MIMAT0000758	hsa-miR-135b
145914	hsa-miR-135b	1	MIMAT0000758	hsa-miR-135b
42615	hsa-miR-135b*	1	MIMAT0004698	hsa-miR-135b*
145760	hsa-miR-136	1	MIMAT0000448	hsa-miR-136
10943	blank	1	MIMAT0000448	hsa-miR-136
42512	hsa-miR-136*	1	MIMAT0004606	hsa-miR-136*
42686	blank	1	MIMAT0004606	hsa-miR-136*
10944	blank	1	MIMAT0000429	hsa-miR-137
145749	hsa-miR-137	1	MIMAT0000429	hsa-miR-137
13140	hsa-miR-138	1	MIMAT0000430	hsa-miR-138
42872	hsa-miR-138-1*	1	MIMAT0004607	hsa-miR-138-1*
42454	hsa-miR-138-2*	1	MIMAT0004596	hsa-miR-138-2*
42451	hsa-miR-139-3p	1	MIMAT0004552	hsa-miR-139-3p
145677	hsa-miR-139-5p	1	MIMAT0000250	hsa-miR-139-5p
42630	hsa-miR-140-3p	1	MIMAT0004597	hsa-miR-140-3p
4700	hsa-miR-140-5p	1	MIMAT0000431	hsa-miR-140-5p
10946	hsa-miR-141	1	MIMAT0000432	hsa-miR-141
145972	hsa-miR-141*	1	MIMAT0004598	hsa-miR-141*
10947	hsa-miR-142-3p	1	MIMAT0000434	hsa-miR-142-3p
145798	hsa-miR-142-5p	1	MIMAT0000433	hsa-miR-142-5p
13177	hsa-miR-143	1	MIMAT0000435	hsa-miR-143
46467	hsa-miR-143*	1	MIMAT0004599	hsa-miR-143*
29802	hsa-miR-144	1	MIMAT0000436	hsa-miR-144
42660	hsa-miR-144*	1	MIMAT0004600	hsa-miR-144*
42641	hsa-miR-145	1	MIMAT0000437	hsa-miR-145
31867	hsa-miR-145*	1	MIMAT0004601	hsa-miR-145*
46584	hsa-miR-1468	1	MIMAT0006789	hsa-miR-1468
146072	hsa-miR-1469	1	MIMAT0007347	hsa-miR-1469
10952	hsa-miR-146a	1	MIMAT0000449	hsa-miR-146a
145755	hsa-miR-146a*	1	MIMAT0004608	hsa-miR-146a*
42461	hsa-miR-146b-3p	1	MIMAT0004766	hsa-miR-146b-3p
10306	hsa-miR-146b-5p	1	MIMAT0002809	hsa-miR-146b-5p
10954	hsa-miR-147	1	MIMAT0000251	hsa-miR-147
146121	hsa-miR-1470	1	MIMAT0007348	hsa-miR-1470
146052	hsa-miR-1471	1	MIMAT0007349	hsa-miR-1471
17411	hsa-miR-147b	1	MIMAT0004928	hsa-miR-147b
10955	hsa-miR-148a	1	MIMAT0000243	hsa-miR-148a
17872	hsa-miR-148a*	1	MIMAT0004549	hsa-miR-148a*

19585	hsa-miR-148b	1	MIMAT0000759	hsa-miR-148b
42736	hsa-miR-148b*	1	MIMAT0004699	hsa-miR-148b*
42810	hsa-miR-149	1	MIMAT0000450	hsa-miR-149
42486	hsa-miR-149*	1	MIMAT0004609	hsa-miR-149*
42802	blank	1	MIMAT0000451	hsa-miR-150
145678	hsa-miR-150	1	MIMAT0000451	hsa-miR-150
42850	hsa-miR-150*	1	MIMAT0004610	hsa-miR-150*
17463	hsa-miR-151-3p	1	MIMAT0000757	hsa-miR-151-3p
11260	hsa-miR-151-5p	1	MIMAT0004697	hsa-miR-151-5p
17676	hsa-miR-152	1	MIMAT0000438	hsa-miR-152
42599	hsa-miR-153	1	MIMAT0000439	hsa-miR-153
46515	hsa-miR-1537	1	MIMAT0007399	hsa-miR-1537
146114	hsa-miR-1538	1	MIMAT0007400	hsa-miR-1538
146105	hsa-miR-1539	1	MIMAT0007401	hsa-miR-1539
46616	blank	1	MIMAT0000452	hsa-miR-154
145857	hsa-miR-154	1	MIMAT0000452	hsa-miR-154
42572	hsa-miR-154*	1	MIMAT0000453	hsa-miR-154*
10964	hsa-miR-155	1	MIMAT0000646	hsa-miR-155
42949	hsa-miR-155*	1	MIMAT0004658	hsa-miR-155*
27720	hsa-miR-15a	1	MIMAT0000068	hsa-miR-15a
42789	hsa-miR-15a*	1	MIMAT0004488	hsa-miR-15a*
17280	hsa-miR-15b	1	MIMAT0000417	hsa-miR-15b
17902	hsa-miR-15b*	1	MIMAT0004586	hsa-miR-15b*
10967	hsa-miR-16	1	MIMAT0000069	hsa-miR-16
17936	hsa-miR-16-1*	1	MIMAT0004489	hsa-miR-16-1*
42874	hsa-miR-16-2*	1	MIMAT0004518	hsa-miR-16-2*
42650	hsa-miR-17	1	MIMAT0000070	hsa-miR-17
46777	blank	1	MIMAT0000070	hsa-miR-17
19588	hsa-miR-17*	1	MIMAT0000071	hsa-miR-17*
42865	hsa-miR-181a	1	MIMAT0000256	hsa-miR-181a
17928	hsa-miR-181a-2*	1	MIMAT0004558	hsa-miR-181a-2*
11013	hsa-miR-181a*	1	MIMAT0000270	hsa-miR-181a*
10972	hsa-miR-181b	1	MIMAT0000257	hsa-miR-181b
42496	hsa-miR-181c	1	MIMAT0000258	hsa-miR-181c
145759	hsa-miR-181c*	1	MIMAT0004559	hsa-miR-181c*
145636	hsa-miR-181d	1	MIMAT0002821	hsa-miR-181d
10975	hsa-miR-182	1	MIMAT0000259	hsa-miR-182
10976	hsa-miR-182*	1	MIMAT0000260	hsa-miR-182*
46266	hsa-miR-1825	1	MIMAT0006765	hsa-miR-1825
46810	hsa-miR-1827	1	MIMAT0006767	hsa-miR-1827
10977	hsa-miR-183	1	MIMAT0000261	hsa-miR-183
17953	hsa-miR-183*	1	MIMAT0004560	hsa-miR-183*
145801	hsa-miR-184	1	MIMAT0000454	hsa-miR-184
42902	hsa-miR-185	1	MIMAT0000455	hsa-miR-185
17904	hsa-miR-185*	1	MIMAT0004611	hsa-miR-185*
18739	hsa-miR-186	1	MIMAT0000456	hsa-miR-186
42614	hsa-miR-186*	1	MIMAT0004612	hsa-miR-186*
145637	hsa-miR-187	1	MIMAT0000262	hsa-miR-187
42775	hsa-miR-187*	1	MIMAT0004561	hsa-miR-187*
42786	hsa-miR-188-3p	1	MIMAT0004613	hsa-miR-188-3p
42620	hsa-miR-188-5p	1	MIMAT0000457	hsa-miR-188-5p
42588	hsa-miR-18a	1	MIMAT0000072	hsa-miR-18a
13178	hsa-miR-18a*	1	MIMAT0002891	hsa-miR-18a*

13141	blank	1	MIMAT0001412	hsa-miR-18b
42644	blank	1	MIMAT0001412	hsa-miR-18b
145878	hsa-miR-18b	1	MIMAT0001412	hsa-miR-18b
145826	hsa-miR-18b*	1	MIMAT0004751	hsa-miR-18b*
27536	hsa-miR-190	1	MIMAT0000458	hsa-miR-190
28431	hsa-miR-1908	1	MIMAT0007881	hsa-miR-1908
146180	hsa-miR-1909	1	MIMAT0007883	hsa-miR-1909
146138	hsa-miR-1909*	1	MIMAT0007882	hsa-miR-1909*
32731	hsa-miR-190b	1	MIMAT0004929	hsa-miR-190b
10985	hsa-miR-191	1	MIMAT0000440	hsa-miR-191
42705	hsa-miR-191*	1	MIMAT0001618	hsa-miR-191*
146109	hsa-miR-1910	1	MIMAT0007884	hsa-miR-1910
146000	hsa-miR-1911	1	MIMAT0007885	hsa-miR-1911
146094	hsa-miR-1911*	1	MIMAT0007886	hsa-miR-1911*
146168	hsa-miR-1912	1	MIMAT0007887	hsa-miR-1912
146103	hsa-miR-1913	1	MIMAT0007888	hsa-miR-1913
146091	hsa-miR-1914	1	MIMAT0007889	hsa-miR-1914
146061	hsa-miR-1914*	1	MIMAT0007890	hsa-miR-1914*
146068	hsa-miR-1915	1	MIMAT0007892	hsa-miR-1915
146069	hsa-miR-1915*	1	MIMAT0007891	hsa-miR-1915*
17732	hsa-miR-192	1	MIMAT0000222	hsa-miR-192
17946	hsa-miR-192*	1	MIMAT0004543	hsa-miR-192*
10986	hsa-miR-193a-3p	1	MIMAT0000459	hsa-miR-193a-3p
46443	hsa-miR-193a-5p	1	MIMAT0004614	hsa-miR-193a-5p
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10987	hsa-miR-193b	1	MIMAT0002819	hsa-miR-193b
42962	hsa-miR-193b*	1	MIMAT0004767	hsa-miR-193b*
10988	hsa-miR-194	1	MIMAT0000460	hsa-miR-194
42570	hsa-miR-194*	1	MIMAT0004671	hsa-miR-194*
13148	hsa-miR-195	1	MIMAT0000461	hsa-miR-195
42723	hsa-miR-195*	1	MIMAT0004615	hsa-miR-195*
10990	hsa-miR-196a	1	MIMAT0000226	hsa-miR-196a
42538	hsa-miR-196a*	1	MIMAT0004562	hsa-miR-196a*
10991	blank	1	MIMAT0001080	hsa-miR-196b
145889	hsa-miR-196b	1	MIMAT0001080	hsa-miR-196b
145995	hsa-miR-196b*	1	MIMAT0009201	hsa-miR-196b*
42783	hsa-miR-197	1	MIMAT0000227	hsa-miR-197
146142	hsa-miR-1972	1	MIMAT0009447	hsa-miR-1972
146165	hsa-miR-1973	1	MIMAT0009448	hsa-miR-1973
146140	hsa-miR-1976	1	MIMAT0009451	hsa-miR-1976
27540	hsa-miR-198	1	MIMAT0000228	hsa-miR-198
10995	hsa-miR-199a-3p/hsa-	2	MIMAT0000232	hsa-miR-199a-3p
29562	hsa-miR-199a-5p	1	MIMAT0000231	hsa-miR-199a-5p
10995	hsa-miR-199a-3p/hsa-	2	MIMAT0004563	hsa-miR-199b-3p
19591	hsa-miR-199b-5p	1	MIMAT0000263	hsa-miR-199b-5p
10997	hsa-miR-19a	1	MIMAT0000073	hsa-miR-19a
42549	hsa-miR-19a*	1	MIMAT0004490	hsa-miR-19a*
10998	hsa-miR-19b	1	MIMAT0000074	hsa-miR-19b
17883	hsa-miR-19b-1*	1	MIMAT0004491	hsa-miR-19b-1*
42918	hsa-miR-19b-2*	1	MIMAT0004492	hsa-miR-19b-2*
11000	hsa-miR-200a	1	MIMAT0000682	hsa-miR-200a
145827	hsa-miR-200a*	1	MIMAT0001620	hsa-miR-200a*
145953	hsa-miR-200b	1	MIMAT0000318	hsa-miR-200b

145974	hsa-miR-200b*	1	MIMAT0004571	hsa-miR-200b*
17427	hsa-miR-200c	1	MIMAT0000617	hsa-miR-200c
17851	hsa-miR-200c*	1	MIMAT0004657	hsa-miR-200c*
42968	hsa-miR-202	1	MIMAT0002811	hsa-miR-202
42590	hsa-miR-202*	1	MIMAT0002810	hsa-miR-202*
42507	blank	1	MIMAT0002810	hsa-miR-202*
11004	hsa-miR-203	1	MIMAT0000264	hsa-miR-203
11005	hsa-miR-204	1	MIMAT0000265	hsa-miR-204
46917	hsa-miR-205	1	MIMAT0000266	hsa-miR-205
145996	hsa-miR-205*	1	MIMAT0009197	hsa-miR-205*
145986	hsa-miR-2052	1	MIMAT0009977	hsa-miR-2052
146122	hsa-miR-2053	1	MIMAT0009978	hsa-miR-2053
145987	hsa-miR-2054	1	MIMAT0009979	hsa-miR-2054
11007	hsa-miR-206	1	MIMAT0000462	hsa-miR-206
5730	hsa-miR-208a	1	MIMAT0000241	hsa-miR-208a
42555	hsa-miR-208b	1	MIMAT0004960	hsa-miR-208b
145845	hsa-miR-20a	1	MIMAT0000075	hsa-miR-20a
42663	hsa-miR-20a*	1	MIMAT0004493	hsa-miR-20a*
42640	blank	1	MIMAT0001413	hsa-miR-20b
42860	blank	1	MIMAT0001413	hsa-miR-20b
145915	hsa-miR-20b	1	MIMAT0001413	hsa-miR-20b
17882	hsa-miR-20b*	1	MIMAT0004752	hsa-miR-20b*
5740	hsa-miR-21	1	MIMAT0000076	hsa-miR-21
145917	blank	1	MIMAT0000076	hsa-miR-21
42524	hsa-miR-21*	1	MIMAT0004494	hsa-miR-21*
145852	hsa-miR-210	1	MIMAT0000267	hsa-miR-210
11011	hsa-miR-211	1	MIMAT0000268	hsa-miR-211
42734	hsa-miR-2110	1	MIMAT0010133	hsa-miR-2110
146179	hsa-miR-2113	1	MIMAT0009206	hsa-miR-2113
146074	hsa-miR-2114	1	MIMAT0011156	hsa-miR-2114
146173	hsa-miR-2114*	1	MIMAT0011157	hsa-miR-2114*
146044	hsa-miR-2115	1	MIMAT0011158	hsa-miR-2115
146161	hsa-miR-2115*	1	MIMAT0011159	hsa-miR-2115*
146010	hsa-miR-2116	1	MIMAT0011160	hsa-miR-2116
146116	hsa-miR-2116*	1	MIMAT0011161	hsa-miR-2116*
146131	hsa-miR-2117	1	MIMAT0011162	hsa-miR-2117
42627	hsa-miR-212	1	MIMAT0000269	hsa-miR-212
11014	hsa-miR-214	1	MIMAT0000271	hsa-miR-214
145822	hsa-miR-214*	1	MIMAT0004564	hsa-miR-214*
11015	hsa-miR-215	1	MIMAT0000272	hsa-miR-215
42553	hsa-miR-216a	1	MIMAT0000273	hsa-miR-216a
145707	hsa-miR-216b	1	MIMAT0004959	hsa-miR-216b
19016	hsa-miR-217	1	MIMAT0000274	hsa-miR-217
11018	hsa-miR-218	1	MIMAT0000275	hsa-miR-218
42941	hsa-miR-218-1*	1	MIMAT0004565	hsa-miR-218-1*
145836	hsa-miR-218-2*	1	MIMAT0004566	hsa-miR-218-2*
21702	hsa-miR-219-1-3p	1	MIMAT0004567	hsa-miR-219-1-3p
42834	hsa-miR-219-2-3p	1	MIMAT0004675	hsa-miR-219-2-3p
42509	hsa-miR-219-5p	1	MIMAT0000276	hsa-miR-219-5p
11020	hsa-miR-22	1	MIMAT0000077	hsa-miR-22
42532	hsa-miR-22*	1	MIMAT0004495	hsa-miR-22*
11022	hsa-miR-221	1	MIMAT0000278	hsa-miR-221
42475	hsa-miR-221*	1	MIMAT0004568	hsa-miR-221*

11023	hsa-miR-222	1	MIMAT0000279	hsa-miR-222
17918	hsa-miR-222*	1	MIMAT0004569	hsa-miR-222*
11024	hsa-miR-223	1	MIMAT0000280	hsa-miR-223
42460	hsa-miR-223*	1	MIMAT0004570	hsa-miR-223*
42566	hsa-miR-224	1	MIMAT0000281	hsa-miR-224
146163	hsa-miR-224*	1	MIMAT0009198	hsa-miR-224*
46875	hsa-miR-2276	1	MIMAT0011775	hsa-miR-2276
146025	hsa-miR-2277	1	MIMAT0011777	hsa-miR-2277-3p
46751	hsa-miR-2278	1	MIMAT0011778	hsa-miR-2278
46827	hsa-miRPlus-F1197	1	MIMAT0017950	hsa-miR-2355-3p
42744	hsa-miR-23a	1	MIMAT0000078	hsa-miR-23a
42638	hsa-miR-23a*	1	MIMAT0004496	hsa-miR-23a*
145841	hsa-miR-23b	1	MIMAT0000418	hsa-miR-23b
145751	hsa-miR-23b*	1	MIMAT0004587	hsa-miR-23b*
17506	hsa-miR-24	1	MIMAT0000080	hsa-miR-24
146043	hsa-miR-24-1*	1	MIMAT0000079	hsa-miR-24-1*
42950	hsa-miR-24-2*	1	MIMAT0004497	hsa-miR-24-2*
42682	hsa-miR-25	1	MIMAT0000081	hsa-miR-25
42929	hsa-miR-25*	1	MIMAT0004498	hsa-miR-25*
11030	hsa-miR-26a	1	MIMAT0000082	hsa-miR-26a
42628	hsa-miR-26a-1*	1	MIMAT0004499	hsa-miR-26a-1*
42666	hsa-miR-26a-2*	1	MIMAT0004681	hsa-miR-26a-2*
146008	hsa-miR-26b	1	MIMAT0000083	hsa-miR-26b
42523	hsa-miR-26b*	1	MIMAT0004500	hsa-miR-26b*
46483	hsa-miR-27a	1	MIMAT0000084	hsa-miR-27a
17818	hsa-miR-27a*	1	MIMAT0004501	hsa-miR-27a*
145944	hsa-miR-27b	1	MIMAT0000419	hsa-miR-27b
42823	hsa-miR-27b*	1	MIMAT0004588	hsa-miR-27b*
145714	hsa-miR-28-3p	1	MIMAT0004502	hsa-miR-28-3p
42831	blank	1	MIMAT0000085	hsa-miR-28-5p
146049	hsa-miR-28-5p	1	MIMAT0000085	hsa-miR-28-5p
42528	hsa-miR-296-3p	1	MIMAT0004679	hsa-miR-296-3p
146100	hsa-miR-296-5p	1	MIMAT0000690	hsa-miR-296-5p
6880	hsa-miR-297	1	MIMAT0004450	hsa-miR-297
46264	hsa-miR-298	1	MIMAT0004901	hsa-miR-298
11037	hsa-miR-299-3p	1	MIMAT0000687	hsa-miR-299-3p
11038	hsa-miR-299-5p	1	MIMAT0002890	hsa-miR-299-5p
11039	hsa-miR-29a	1	MIMAT0000086	hsa-miR-29a
145638	hsa-miR-29a*	1	MIMAT0004503	hsa-miR-29a*
11040	hsa-miR-29b	1	MIMAT0000100	hsa-miR-29b
17810	hsa-miR-29b-1*	1	MIMAT0004514	hsa-miR-29b-1*
42792	hsa-miR-29b-2*	1	MIMAT0004515	hsa-miR-29b-2*
11041	hsa-miR-29c	1	MIMAT0000681	hsa-miR-29c
14300	hsa-miR-29c*	1	MIMAT0004673	hsa-miR-29c*
42513	hsa-miR-300	1	MIMAT0004903	hsa-miR-300
13143	hsa-miR-301a	1	MIMAT0000688	hsa-miR-301a
17886	hsa-miR-301b	1	MIMAT0004958	hsa-miR-301b
145639	hsa-miR-302a	1	MIMAT0000684	hsa-miR-302a
42541	hsa-miR-302a*	1	MIMAT0000683	hsa-miR-302a*
11043	hsa-miR-302b	1	MIMAT0000715	hsa-miR-302b
42667	hsa-miR-302b*	1	MIMAT0000714	hsa-miR-302b*
11044	hsa-miR-302c	1	MIMAT0000717	hsa-miR-302c
11045	hsa-miR-302c*	1	MIMAT0000716	hsa-miR-302c*

27838	hsa-miR-302d	1	MIMAT0000718	hsa-miR-302d
46729	hsa-miR-302d*	1	MIMAT0004685	hsa-miR-302d*
45764	hsa-miR-302e	1	MIMAT0005931	hsa-miR-302e
45745	hsa-miR-302f	1	MIMAT0005932	hsa-miR-302f
146086	hsa-miR-30a	1	MIMAT0000087	hsa-miR-30a
19595	hsa-miR-30a*	1	MIMAT0000088	hsa-miR-30a*
146112	hsa-miR-30b	1	MIMAT0000420	hsa-miR-30b
46356	hsa-miR-30b*	1	MIMAT0004589	hsa-miR-30b*
42923	hsa-miR-30c	1	MIMAT0000244	hsa-miR-30c
42702	hsa-miR-30c-1*	1	MIMAT0004674	hsa-miR-30c-1*
46626	hsa-miR-30c-2*	1	MIMAT0004550	hsa-miR-30c-2*
19596	hsa-miR-30d	1	MIMAT0000245	hsa-miR-30d
17853	hsa-miR-30d*	1	MIMAT0004551	hsa-miR-30d*
28191	hsa-miR-30e	1	MIMAT0000692	hsa-miR-30e
145676	hsa-miR-30e*	1	MIMAT0000693	hsa-miR-30e*
11052	hsa-miR-31	1	MIMAT0000089	hsa-miR-31
46320	hsa-miR-31*	1	MIMAT0004504	hsa-miR-31*
146066	hsa-miR-3116	1	MIMAT0014978	hsa-miR-3116
146005	hsa-miR-3129	1	MIMAT0014992	hsa-miR-3129-5p
46863	hsa-miRPlus-F1246	1	MIMAT0019210	hsa-miR-3157-3p
46710	hsa-miR-3157	1	MIMAT0015031	hsa-miR-3157-5p
146110	hsa-miR-3164	1	MIMAT0015038	hsa-miR-3164
146085	hsa-miR-3170	1	MIMAT0015045	hsa-miR-3170
46567	hsa-miR-3176	1	MIMAT0015053	hsa-miR-3176
146152	hsa-miR-3179	1	MIMAT0015056	hsa-miR-3179
46274	hsa-miR-3187	1	MIMAT0015069	hsa-miR-3187-3p
11053	hsa-miR-32	1	MIMAT0000090	hsa-miR-32
29575	hsa-miR-32*	1	MIMAT0004505	hsa-miR-32*
146158	hsa-miR-3202	1	MIMAT0015089	hsa-miR-3202
27533	hsa-miR-320a	1	MIMAT0000510	hsa-miR-320a
46324	hsa-miR-320b	1	MIMAT0005792	hsa-miR-320b
46228	hsa-miR-320c	1	MIMAT0005793	hsa-miR-320c
46870	hsa-miR-320d	1	MIMAT0006764	hsa-miR-320d
42957	hsa-miR-323-3p	1	MIMAT0000755	hsa-miR-323-3p
42457	hsa-miR-323-5p	1	MIMAT0004696	hsa-miR-323-5p
42672	hsa-miR-323b-5p	1	MIMAT0001630	hsa-miR-323b-5p
145708	hsa-miR-324-3p	1	MIMAT0000762	hsa-miR-324-3p
42719	blank	1	MIMAT0000762	hsa-miR-324-3p
42477	hsa-miR-324-5p	1	MIMAT0000761	hsa-miR-324-5p
11058	hsa-miR-325	1	MIMAT0000771	hsa-miR-325
42693	hsa-miR-326	1	MIMAT0000756	hsa-miR-326
145640	hsa-miR-328	1	MIMAT0000752	hsa-miR-328
11061	hsa-miR-329	1	MIMAT0001629	hsa-miR-329
11063	hsa-miR-330-3p	1	MIMAT0000751	hsa-miR-330-3p
145843	hsa-miR-330-5p	1	MIMAT0004693	hsa-miR-330-5p
42887	hsa-miR-331-3p	1	MIMAT0000760	hsa-miR-331-3p
17866	hsa-miR-331-5p	1	MIMAT0004700	hsa-miR-331-5p
11065	hsa-miR-335	1	MIMAT0000765	hsa-miR-335
145745	hsa-miR-335*	1	MIMAT0004703	hsa-miR-335*
42673	hsa-miR-337-3p	1	MIMAT0000754	hsa-miR-337-3p
17944	hsa-miR-337-5p	1	MIMAT0004695	hsa-miR-337-5p
42592	hsa-miR-338-3p	1	MIMAT0000763	hsa-miR-338-3p
17825	hsa-miR-338-5p	1	MIMAT0004701	hsa-miR-338-5p

42912	hsa-miR-339-3p	1	MIMAT0004702	hsa-miR-339-3p
42739	hsa-miR-339-5p	1	MIMAT0000764	hsa-miR-339-5p
145859	hsa-miR-33a	1	MIMAT0000091	hsa-miR-33a
145757	hsa-miR-33a*	1	MIMAT0004506	hsa-miR-33a*
145950	hsa-miR-33b	1	MIMAT0003301	hsa-miR-33b
145734	hsa-miR-33b*	1	MIMAT0004811	hsa-miR-33b*
29872	hsa-miR-340	1	MIMAT0004692	hsa-miR-340
42738	hsa-miR-340*	1	MIMAT0000750	hsa-miR-340*
32884	hsa-miR-342-3p	1	MIMAT0000753	hsa-miR-342-3p
42576	hsa-miR-342-5p	1	MIMAT0004694	hsa-miR-342-5p
42934	hsa-miR-345	1	MIMAT0000772	hsa-miR-345
145732	hsa-miR-346	1	MIMAT0000773	hsa-miR-346
27217	hsa-miR-34a	1	MIMAT0000255	hsa-miR-34a
46299	hsa-miR-34a*	1	MIMAT0004557	hsa-miR-34a*
42724	hsa-miR-34b	1	MIMAT0004676	hsa-miR-34b
11073	hsa-miR-34b*	1	MIMAT0000685	hsa-miR-34b*
42729	hsa-miR-34c-3p	1	MIMAT0004677	hsa-miR-34c-3p
11074	hsa-miR-34c-5p	1	MIMAT0000686	hsa-miR-34c-5p
145865	hsa-miR-361-3p	1	MIMAT0004682	hsa-miR-361-3p
14301	hsa-miR-361-5p	1	MIMAT0000703	hsa-miR-361-5p
17893	hsa-miR-362-3p	1	MIMAT0004683	hsa-miR-362-3p
42503	hsa-miR-362-5p	1	MIMAT0000705	hsa-miR-362-5p
14279	blank	1	MIMAT0000705	hsa-miR-362-5p
11077	hsa-miR-363	1	MIMAT0000707	hsa-miR-363
27544	hsa-miR-363*	1	MIMAT0003385	hsa-miR-363*
11078	hsa-miR-365	1	MIMAT0000710	hsa-miR-365
146029	hsa-miR-365*	1	MIMAT0009199	hsa-miR-365*
14280	hsa-miR-367	1	MIMAT0000719	hsa-miR-367
145697	hsa-miR-367*	1	MIMAT0004686	hsa-miR-367*
29529	hsa-miR-369-3p	1	MIMAT0000721	hsa-miR-369-3p
145641	hsa-miR-369-5p	1	MIMAT0001621	hsa-miR-369-5p
42967	hsa-miR-370	1	MIMAT0000722	hsa-miR-370
11083	hsa-miR-371-3p	1	MIMAT0000723	hsa-miR-371-3p
145769	hsa-miR-371-5p	1	MIMAT0004687	hsa-miR-371-5p
11084	hsa-miR-372	1	MIMAT0000724	hsa-miR-372
11085	hsa-miR-373	1	MIMAT0000726	hsa-miR-373
27545	hsa-miR-373*	1	MIMAT0000725	hsa-miR-373*
145844	hsa-miR-374a	1	MIMAT0000727	hsa-miR-374a
29577	hsa-miR-374a*	1	MIMAT0004688	hsa-miR-374a*
14302	hsa-miR-374b	2	MIMAT0004955	hsa-miR-374b
42476	hsa-miR-374b*	1	MIMAT0004956	hsa-miR-374b*
14302	hsa-miR-374b	2	MIMAT0018443	hsa-miR-374c
46918	hsa-miR-375	1	MIMAT0000728	hsa-miR-375
146009	hsa-miR-376a	1	MIMAT0000729	hsa-miR-376a
42885	hsa-miR-376a*	1	MIMAT0003386	hsa-miR-376a*
145642	hsa-miR-376b	1	MIMAT0002172	hsa-miR-376b
42629	hsa-miR-376c	1	MIMAT0000720	hsa-miR-376c
11091	hsa-miR-377	1	MIMAT0000730	hsa-miR-377
42899	hsa-miR-377*	1	MIMAT0004689	hsa-miR-377*
11105	hsa-miR-378/hsa-miR-	3	MIMAT0000732	hsa-miR-378
11092	hsa-miR-378*	1	MIMAT0000731	hsa-miR-378*
11105	hsa-miR-378/hsa-miR-	3	MIMAT0016847	hsa-miR-378c
11105	hsa-miR-378/hsa-miR-	3	MIMAT0018926	hsa-miR-378d

11093	hsa-miR-379	1	MIMAT0000733	hsa-miR-379
42889	hsa-miR-379*	1	MIMAT0004690	hsa-miR-379*
27546	hsa-miR-380	1	MIMAT0000735	hsa-miR-380
28161	blank	1	MIMAT0000734	hsa-miR-380*
13170	hsa-miR-380*	1	MIMAT0000734	hsa-miR-380*
145832	hsa-miR-381	1	MIMAT0000736	hsa-miR-381
145643	hsa-miR-382	1	MIMAT0000737	hsa-miR-382
146024	hsa-miR-383	1	MIMAT0000738	hsa-miR-383
145687	hsa-miR-384	1	MIMAT0001075	hsa-miR-384
146190	blank	1	MIMAT0018202	hsa-miR-3927
46762	hsa-miRPlus-F1252	1	MIMAT0018205	hsa-miR-3928
46736	hsa-miRPlus-F1015	1	MIMAT0018359	hsa-miR-3943
11240	blank	1	MIMAT0001639	hsa-miR-409-3p
145644	hsa-miR-409-3p	1	MIMAT0001639	hsa-miR-409-3p
42448	blank	1	MIMAT0001638	hsa-miR-409-5p
42925	hsa-miR-409-5p	1	MIMAT0001638	hsa-miR-409-5p
11102	hsa-miR-410	1	MIMAT0002171	hsa-miR-410
17482	hsa-miR-411	1	MIMAT0003329	hsa-miR-411
42784	hsa-miR-411*	1	MIMAT0004813	hsa-miR-411*
42764	hsa-miR-412	1	MIMAT0002170	hsa-miR-412
17474	hsa-miR-421	1	MIMAT0003339	hsa-miR-421
11104	hsa-miR-422a	1	MIMAT0001339	hsa-miR-422a
42730	hsa-miR-423-3p	1	MIMAT0001340	hsa-miR-423-3p
27565	hsa-miR-423-5p	1	MIMAT0004748	hsa-miR-423-5p
42965	hsa-miR-424	1	MIMAT0001341	hsa-miR-424
42603	hsa-miR-424*	1	MIMAT0004749	hsa-miR-424*
17608	hsa-miR-425	1	MIMAT0003393	hsa-miR-425
11108	hsa-miR-425*	1	MIMAT0001343	hsa-miR-425*
13171	hsa-miR-429	1	MIMAT0001536	hsa-miR-429
145705	hsa-miR-431	1	MIMAT0001625	hsa-miR-431
42674	hsa-miR-431*	1	MIMAT0004757	hsa-miR-431*
11111	hsa-miR-432	1	MIMAT0002814	hsa-miR-432
42584	hsa-miR-432*	1	MIMAT0002815	hsa-miR-432*
42853	hsa-miR-433	1	MIMAT0001627	hsa-miR-433
46585	hsa-miRPlus-F1033	1	MIMAT0018997	hsa-miR-4470
11113	hsa-miR-448	1	MIMAT0001532	hsa-miR-448
46808	hsa-miRPlus-E1028	1	MIMAT0019019	hsa-miR-4485
145946	hsa-miR-449a	1	MIMAT0001541	hsa-miR-449a
46249	blank	1	MIMAT0003327	hsa-miR-449b
33668	hsa-miR-449b	1	MIMAT0003327	hsa-miR-449b
146127	hsa-miR-449b*	1	MIMAT0009203	hsa-miR-449b*
146151	hsa-miR-449c	1	MIMAT0010251	hsa-miR-449c
146020	hsa-miR-449c*	1	MIMAT0013771	hsa-miR-449c*
17835	blank	1	MIMAT0001545	hsa-miR-450a
18847	hsa-miR-450a	1	MIMAT0001545	hsa-miR-450a
42892	hsa-miR-450b-3p	1	MIMAT0004910	hsa-miR-450b-3p
42896	hsa-miR-450b-5p	1	MIMAT0004909	hsa-miR-450b-5p
42866	hsa-miR-451	1	MIMAT0001631	hsa-miR-451
29379	hsa-miR-452	1	MIMAT0001635	hsa-miR-452
42598	hsa-miR-452*	1	MIMAT0001636	hsa-miR-452*
146104	blank	1	MIMAT0019063	hsa-miR-4524*
145720	hsa-miR-454	1	MIMAT0003885	hsa-miR-454
28520	hsa-miR-454*	1	MIMAT0003884	hsa-miR-454*

28950	hsa-miR-455-3p	1	MIMAT0004784	hsa-miR-455-3p
13179	hsa-miR-455-5p	1	MIMAT0003150	hsa-miR-455-5p
46731	hsa-miRPlus-F1017	1	MIMAT0019724	hsa-miR-4657
46678	hsa-miRPlus-F1077	1	MIMAT0019792	hsa-miR-4697-3p
146124	blank	1	MIMAT0019971	hsa-miR-4796-3p
146076	hsa-miR-483-3p	1	MIMAT0002173	hsa-miR-483-3p
42654	hsa-miR-483-5p	1	MIMAT0004761	hsa-miR-483-5p
145753	hsa-miR-484	1	MIMAT0002174	hsa-miR-484
42694	hsa-miR-485-3p	1	MIMAT0002176	hsa-miR-485-3p
42480	hsa-miR-485-5p	1	MIMAT0002175	hsa-miR-485-5p
42946	hsa-miR-486-3p	1	MIMAT0004762	hsa-miR-486-3p
32946	hsa-miR-486-5p	1	MIMAT0002177	hsa-miR-486-5p
13183	hsa-miR-487a	1	MIMAT0002178	hsa-miR-487a
14285	hsa-miR-487b	1	MIMAT0003180	hsa-miR-487b
42704	hsa-miR-488	1	MIMAT0004763	hsa-miR-488
145756	hsa-miR-488*	1	MIMAT0002804	hsa-miR-488*
11121	hsa-miR-489	1	MIMAT0002805	hsa-miR-489
42703	hsa-miR-490-3p	1	MIMAT0002806	hsa-miR-490-3p
17822	hsa-miR-490-5p	1	MIMAT0004764	hsa-miR-490-5p
17927	hsa-miR-491-3p	1	MIMAT0004765	hsa-miR-491-3p
145928	blank	1	MIMAT0004765	hsa-miR-491-3p
11123	hsa-miR-491-5p	1	MIMAT0002807	hsa-miR-491-5p
42661	hsa-miR-492	1	MIMAT0002812	hsa-miR-492
14270	hsa-miR-493	1	MIMAT0003161	hsa-miR-493
11125	hsa-miR-493*	1	MIMAT0002813	hsa-miR-493*
42540	blank	1	MIMAT0002816	hsa-miR-494
145901	hsa-miR-494	1	MIMAT0002816	hsa-miR-494
42676	hsa-miR-495	1	MIMAT0002817	hsa-miR-495
145698	hsa-miR-496	1	MIMAT0002818	hsa-miR-496
42847	hsa-miR-497	1	MIMAT0002820	hsa-miR-497
42558	hsa-miR-497*	1	MIMAT0004768	hsa-miR-497*
42442	hsa-miR-498	1	MIMAT0002824	hsa-miR-498
145692	hsa-miR-499-3p	1	MIMAT0004772	hsa-miR-499-3p
14313	hsa-miR-499-5p	1	MIMAT0002870	hsa-miR-499-5p
17875	hsa-miR-500	1	MIMAT0004773	hsa-miR-500a
46406	hsa-miR-500*	1	MIMAT0002871	hsa-miR-500a*
145727	blank	1	MIMAT0004774	hsa-miR-501-3p
42578	hsa-miR-501-3p	1	MIMAT0004774	hsa-miR-501-3p
145675	hsa-miR-501-5p	1	MIMAT0002872	hsa-miR-501-5p
146178	hsa-miR-502-3p	1	MIMAT0004775	hsa-miR-502-3p
11134	hsa-miR-502-5p	1	MIMAT0002873	hsa-miR-502-5p
46803	hsa-miR-503	1	MIMAT0002874	hsa-miR-503
28480	hsa-miR-504	1	MIMAT0002875	hsa-miR-504
42669	hsa-miR-505	1	MIMAT0002876	hsa-miR-505
42490	hsa-miR-505*	1	MIMAT0004776	hsa-miR-505*
11138	hsa-miR-506	1	MIMAT0002878	hsa-miR-506
11139	hsa-miR-507	1	MIMAT0002879	hsa-miR-507
11140	hsa-miR-508-3p	1	MIMAT0002880	hsa-miR-508-3p
42812	hsa-miR-508-5p	1	MIMAT0004778	hsa-miR-508-5p
145824	hsa-miR-509-3-5p	1	MIMAT0004975	hsa-miR-509-3-5p
11141	hsa-miR-509-3p	1	MIMAT0002881	hsa-miR-509-3p
145835	hsa-miR-509-5p	1	MIMAT0004779	hsa-miR-509-5p
11142	hsa-miR-510	1	MIMAT0002882	hsa-miR-510

27229	hsa-miR-511	1	MIMAT0002808	hsa-miR-511
11144	hsa-miR-512-3p	1	MIMAT0002823	hsa-miR-512-3p
145690	hsa-miR-512-5p	1	MIMAT0002822	hsa-miR-512-5p
42960	hsa-miR-513a-3p	1	MIMAT0004777	hsa-miR-513a-3p
42581	hsa-miR-513a-5p	1	MIMAT0002877	hsa-miR-513a-5p
46789	hsa-miR-513b	1	MIMAT0005788	hsa-miR-513b
46398	hsa-miR-513c	1	MIMAT0005789	hsa-miR-513c
42959	hsa-miR-514	1	MIMAT0002883	hsa-miR-514
11148	hsa-miR-515-3p	1	MIMAT0002827	hsa-miR-515-3p
11149	hsa-miR-515-5p	1	MIMAT0002826	hsa-miR-515-5p
145717	hsa-miR-516a-3p/hsa-	2	MIMAT0006778	hsa-miR-516a-3p
42550	hsa-miR-516a-5p	1	MIMAT0004770	hsa-miR-516a-5p
11151	hsa-miR-516b	1	MIMAT0002859	hsa-miR-516b
145717	hsa-miR-516a-3p/hsa-	2	MIMAT0002860	hsa-miR-516b*
13130	hsa-miR-517*	1	MIMAT0002851	hsa-miR-517*
145999	hsa-miR-517a	1	MIMAT0002852	hsa-miR-517a
46347	blank	1	MIMAT0002857	hsa-miR-517b
42450	hsa-miR-517b	1	MIMAT0002857	hsa-miR-517b
11154	hsa-miR-517c	1	MIMAT0002866	hsa-miR-517c
11155	hsa-miR-518a-3p	1	MIMAT0002863	hsa-miR-518a-3p
145905	hsa-miR-518a-5p/hsa-	2	MIMAT0005457	hsa-miR-518a-5p
11177	blank	2	MIMAT0005457	hsa-miR-518a-5p
145725	hsa-miR-518b	1	MIMAT0002844	hsa-miR-518b
105441	hsa-miR-518c	1	MIMAT0002848	hsa-miR-518c
145821	hsa-miR-518c*	1	MIMAT0002847	hsa-miR-518c*
145965	hsa-miR-518d-3p	1	MIMAT0002864	hsa-miR-518d-3p
146136	hsa-miR-518d-5p/hsa-	3	MIMAT0005456	hsa-miR-518d-5p
11159	hsa-miR-518e	1	MIMAT0002861	hsa-miR-518e
13137	hsa-miR-518e*/hsa-m	6	MIMAT0005450	hsa-miR-518e*
145748	hsa-miR-518f	1	MIMAT0002842	hsa-miR-518f
46622	hsa-miR-518f*	1	MIMAT0002841	hsa-miR-518f*
46401	hsa-miR-519a	1	MIMAT0002869	hsa-miR-519a
13137	hsa-miR-518e*/hsa-m	6	MIMAT0005452	hsa-miR-519a*
46231	hsa-miR-519b-3p	1	MIMAT0002837	hsa-miR-519b-3p
13137	hsa-miR-518e*/hsa-m	6	MIMAT0005454	hsa-miR-519b-5p
145723	hsa-miR-519c-3p	1	MIMAT0002832	hsa-miR-519c-3p
13137	hsa-miR-518e*/hsa-m	6	MIMAT0002831	hsa-miR-519c-5p
46221	hsa-miR-519d	1	MIMAT0002853	hsa-miR-519d
11164	hsa-miR-519e	1	MIMAT0002829	hsa-miR-519e
13132	hsa-miR-519e*	1	MIMAT0002828	hsa-miR-519e*
11165	hsa-miR-520a-3p	1	MIMAT0002834	hsa-miR-520a-3p
13133	hsa-miR-520a-5p	1	MIMAT0002833	hsa-miR-520a-5p
11166	hsa-miR-520b/hsa-mif	2	MIMAT0002843	hsa-miR-520b
11166	hsa-miR-520b/hsa-mif	2	MIMAT0002846	hsa-miR-520c-3p
46227	blank	1	MIMAT0002846	hsa-miR-520c-3p
145819	blank	1	MIMAT0002846	hsa-miR-520c-3p
146136	hsa-miR-518d-5p/hsa-	3	MIMAT0005455	hsa-miR-520c-5p
11168	hsa-miR-520d-3p	1	MIMAT0002856	hsa-miR-520d-3p
46354	hsa-miR-520d-5p	1	MIMAT0002855	hsa-miR-520d-5p
145722	hsa-miR-520e	1	MIMAT0002825	hsa-miR-520e
42455	hsa-miR-520f	1	MIMAT0002830	hsa-miR-520f
13146	blank	2	MIMAT0002858	hsa-miR-520g
46500	hsa-miR-520g/hsa-mif	2	MIMAT0002858	hsa-miR-520g

46454	hsa-miR-520g	1	MIMAT0002858	hsa-miR-520g
13146	blank	2	MIMAT0002867	hsa-miR-520h
46500	hsa-miR-520g/hsa-miF	2	MIMAT0002867	hsa-miR-520h
11171	hsa-miR-521	1	MIMAT0002854	hsa-miR-521
42483	hsa-miR-522	1	MIMAT0002868	hsa-miR-522
13137	hsa-miR-518e*/hsa-m	6	MIMAT0005451	hsa-miR-522*
145754	hsa-miR-523	1	MIMAT0002840	hsa-miR-523
13137	hsa-miR-518e*/hsa-m	6	MIMAT0005449	hsa-miR-523*
31349	hsa-miR-524-3p	1	MIMAT0002850	hsa-miR-524-3p
46235	hsa-miR-524-5p	1	MIMAT0002849	hsa-miR-524-5p
46495	hsa-miR-525-3p	1	MIMAT0002839	hsa-miR-525-3p
11175	hsa-miR-525-5p	1	MIMAT0002838	hsa-miR-525-5p
146136	hsa-miR-518d-5p/hsa-	3	MIMAT0002845	hsa-miR-526a
46744	hsa-miR-526b	1	MIMAT0002835	hsa-miR-526b
145785	hsa-miR-526b*	1	MIMAT0002836	hsa-miR-526b*
145905	hsa-miR-518a-5p/hsa-	2	MIMAT0002862	hsa-miR-527
11177	blank	2	MIMAT0002862	hsa-miR-527
42732	hsa-miR-532-3p	1	MIMAT0004780	hsa-miR-532-3p
17624	hsa-miR-532-5p	1	MIMAT0002888	hsa-miR-532-5p
14271	hsa-miR-539	1	MIMAT0003163	hsa-miR-539
42635	hsa-miR-541	1	MIMAT0004920	hsa-miR-541
42617	hsa-miR-541*	1	MIMAT0004919	hsa-miR-541*
14272	hsa-miR-542-3p	1	MIMAT0003389	hsa-miR-542-3p
42811	hsa-miR-542-5p	1	MIMAT0003340	hsa-miR-542-5p
145689	hsa-miR-543	1	MIMAT0004954	hsa-miR-543
42470	blank	1	MIMAT0004954	hsa-miR-543
33043	hsa-miR-544	1	MIMAT0003164	hsa-miR-544
145741	hsa-miR-545	1	MIMAT0003165	hsa-miR-545
42956	hsa-miR-545*	1	MIMAT0004785	hsa-miR-545*
17535	hsa-miR-548a-3p	1	MIMAT0003251	hsa-miR-548a-3p
30493	hsa-miR-548a-5p	1	MIMAT0004803	hsa-miR-548a-5p
17298	hsa-miR-548b-3p	1	MIMAT0003254	hsa-miR-548b-3p
42791	hsa-miR-548b-5p	1	MIMAT0004798	hsa-miR-548b-5p
145686	hsa-miR-548c-3p	1	MIMAT0003285	hsa-miR-548c-3p
42777	hsa-miR-548c-5p	1	MIMAT0004806	hsa-miR-548c-5p
27549	hsa-miR-548d-3p	1	MIMAT0003323	hsa-miR-548d-3p
42756	hsa-miR-548d-5p	1	MIMAT0004812	hsa-miR-548d-5p
46703	hsa-miR-548e	1	MIMAT0005874	hsa-miR-548e
45736	hsa-miR-548f	1	MIMAT0005895	hsa-miR-548f
46940	hsa-miR-548g	1	MIMAT0005912	hsa-miR-548g
46414	hsa-miR-548h	1	MIMAT0005928	hsa-miR-548h
46704	hsa-miR-548i	1	MIMAT0005935	hsa-miR-548i
46592	hsa-miR-548j	1	MIMAT0005875	hsa-miR-548j
46705	hsa-miR-548k	1	MIMAT0005882	hsa-miR-548k
46415	hsa-miR-548l	1	MIMAT0005889	hsa-miR-548l
46335	hsa-miR-548m	1	MIMAT0005917	hsa-miR-548m
46929	hsa-miR-548n	1	MIMAT0005916	hsa-miR-548n
46450	hsa-miR-548o	1	MIMAT0005919	hsa-miR-548o
46355	hsa-miR-548p	1	MIMAT0005934	hsa-miR-548p
146148	hsa-miR-548q	1	MIMAT0011163	hsa-miR-548q
145762	hsa-miR-549	1	MIMAT0003333	hsa-miR-549
145789	hsa-miR-550	1	MIMAT0004800	hsa-miR-550a
17660	hsa-miR-550*	1	MIMAT0003257	hsa-miR-550a*

17272	hsa-miR-551a	1	MIMAT0003214	hsa-miR-551a
42917	hsa-miR-551b	1	MIMAT0003233	hsa-miR-551b
42781	hsa-miR-551b*	1	MIMAT0004794	hsa-miR-551b*
17668	hsa-miR-552	1	MIMAT0003215	hsa-miR-552
29460	hsa-miR-553	1	MIMAT0003216	hsa-miR-553
42766	hsa-miR-554	1	MIMAT0003217	hsa-miR-554
17612	hsa-miR-555	1	MIMAT0003219	hsa-miR-555
42447	hsa-miR-556-3p	1	MIMAT0004793	hsa-miR-556-3p
145758	hsa-miR-556-5p	1	MIMAT0003220	hsa-miR-556-5p
42760	hsa-miR-557	1	MIMAT0003221	hsa-miR-557
17652	hsa-miR-558	1	MIMAT0003222	hsa-miR-558
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17536	hsa-miR-562	1	MIMAT0003226	hsa-miR-562
17569	hsa-miR-563	1	MIMAT0003227	hsa-miR-563
42944	hsa-miR-564	1	MIMAT0003228	hsa-miR-564
42772	hsa-miR-566	1	MIMAT0003230	hsa-miR-566
17634	hsa-miR-567	1	MIMAT0003231	hsa-miR-567
145744	hsa-miR-568	1	MIMAT0003232	hsa-miR-568
14854	hsa-miR-569	1	MIMAT0003234	hsa-miR-569
17814	hsa-miR-570	1	MIMAT0003235	hsa-miR-570
17490	hsa-miR-571	1	MIMAT0003236	hsa-miR-571
42596	hsa-miR-572	1	MIMAT0003237	hsa-miR-572
17641	hsa-miR-573	1	MIMAT0003238	hsa-miR-573
28966	hsa-miR-574-3p	1	MIMAT0003239	hsa-miR-574-3p
27740	hsa-miR-574-5p	1	MIMAT0004795	hsa-miR-574-5p
17626	hsa-miR-575	1	MIMAT0003240	hsa-miR-575
17958	hsa-miR-576-3p	1	MIMAT0004796	hsa-miR-576-3p
42446	hsa-miR-576-5p	1	MIMAT0003241	hsa-miR-576-5p
42837	hsa-miR-577	1	MIMAT0003242	hsa-miR-577
17302	hsa-miR-578	1	MIMAT0003243	hsa-miR-578
42622	hsa-miR-579	1	MIMAT0003244	hsa-miR-579
17459	hsa-miR-580	1	MIMAT0003245	hsa-miR-580
14962	hsa-miR-581	1	MIMAT0003246	hsa-miR-581
29328	hsa-miR-582-3p	1	MIMAT0004797	hsa-miR-582-3p
42800	blank	1	MIMAT0003247	hsa-miR-582-5p
42544	hsa-miR-582-5p	1	MIMAT0003247	hsa-miR-582-5p
17295	hsa-miR-583	1	MIMAT0003248	hsa-miR-583
145647	hsa-miR-584	1	MIMAT0003249	hsa-miR-584
17546	hsa-miR-585	1	MIMAT0003250	hsa-miR-585
42754	hsa-miR-586	1	MIMAT0003252	hsa-miR-586
17594	hsa-miR-587	1	MIMAT0003253	hsa-miR-587
17630	hsa-miR-588	1	MIMAT0003255	hsa-miR-588
42542	hsa-miR-589	1	MIMAT0004799	hsa-miR-589
17570	hsa-miR-589*	1	MIMAT0003256	hsa-miR-589*
42567	hsa-miR-590-3p	1	MIMAT0004801	hsa-miR-590-3p
17503	hsa-miR-590-5p	1	MIMAT0003258	hsa-miR-590-5p
42482	hsa-miR-591	1	MIMAT0003259	hsa-miR-591
17312	hsa-miR-592	1	MIMAT0003260	hsa-miR-592
42504	hsa-miR-593	1	MIMAT0004802	hsa-miR-593
42478	hsa-miR-593*	1	MIMAT0003261	hsa-miR-593*
17349	hsa-miR-595	1	MIMAT0003263	hsa-miR-595
145833	hsa-miR-596	1	MIMAT0003264	hsa-miR-596

42818	hsa-miR-597	1	MIMAT0003265	hsa-miR-597
145648	hsa-miR-598	1	MIMAT0003266	hsa-miR-598
145989	blank	1	MIMAT0003267	hsa-miR-599
30592	hsa-miR-599	1	MIMAT0003267	hsa-miR-599
17377	hsa-miR-600	1	MIMAT0003268	hsa-miR-600
17498	hsa-miR-601	1	MIMAT0003269	hsa-miR-601
42531	hsa-miR-602	1	MIMAT0003270	hsa-miR-602
17393	hsa-miR-603	1	MIMAT0003271	hsa-miR-603
17592	hsa-miR-604	1	MIMAT0003272	hsa-miR-604
145736	hsa-miR-605	1	MIMAT0003273	hsa-miR-605
29883	hsa-miR-606	1	MIMAT0003274	hsa-miR-606
32190	hsa-miR-607	1	MIMAT0003275	hsa-miR-607
42543	hsa-miR-608	1	MIMAT0003276	hsa-miR-608
17353	hsa-miR-609	1	MIMAT0003277	hsa-miR-609
17445	hsa-miR-610	1	MIMAT0003278	hsa-miR-610
145971	hsa-miR-611	1	MIMAT0003279	hsa-miR-611
27551	hsa-miR-612	1	MIMAT0003280	hsa-miR-612
17577	hsa-miR-613	1	MIMAT0003281	hsa-miR-613
145750	hsa-miR-614	1	MIMAT0003282	hsa-miR-614
27672	hsa-miR-615-3p	1	MIMAT0003283	hsa-miR-615-3p
42690	hsa-miR-615-5p	1	MIMAT0004804	hsa-miR-615-5p
42870	hsa-miR-616	1	MIMAT0004805	hsa-miR-616
17289	hsa-miR-616*	1	MIMAT0003284	hsa-miR-616*
17552	hsa-miR-617	1	MIMAT0003286	hsa-miR-617
17336	hsa-miR-618	1	MIMAT0003287	hsa-miR-618
42757	hsa-miR-619	1	MIMAT0003288	hsa-miR-619
32825	hsa-miR-620	1	MIMAT0003289	hsa-miR-620
46301	hsa-miR-621	1	MIMAT0003290	hsa-miR-621
17493	hsa-miR-622	1	MIMAT0003291	hsa-miR-622
46556	hsa-miR-623	1	MIMAT0003292	hsa-miR-623
32095	hsa-miR-624	1	MIMAT0004807	hsa-miR-624
42557	hsa-miR-624*	1	MIMAT0003293	hsa-miR-624*
145831	hsa-miR-625	1	MIMAT0003294	hsa-miR-625
145740	hsa-miR-625*	1	MIMAT0004808	hsa-miR-625*
33407	hsa-miR-626	1	MIMAT0003295	hsa-miR-626
17625	hsa-miR-627	1	MIMAT0003296	hsa-miR-627
42958	hsa-miR-628-3p	1	MIMAT0003297	hsa-miR-628-3p
17870	hsa-miR-628-5p	1	MIMAT0004809	hsa-miR-628-5p
17961	hsa-miR-629	1	MIMAT0004810	hsa-miR-629
17566	hsa-miR-629*	1	MIMAT0003298	hsa-miR-629*
17327	hsa-miR-630	1	MIMAT0003299	hsa-miR-630
42700	hsa-miR-631	1	MIMAT0003300	hsa-miR-631
17444	hsa-miR-632	1	MIMAT0003302	hsa-miR-632
32711	hsa-miR-633	1	MIMAT0003303	hsa-miR-633
42591	hsa-miR-634	1	MIMAT0003304	hsa-miR-634
17391	hsa-miR-635	1	MIMAT0003305	hsa-miR-635
42750	hsa-miR-636	1	MIMAT0003306	hsa-miR-636
17354	hsa-miR-637	1	MIMAT0003307	hsa-miR-637
42832	hsa-miR-638	1	MIMAT0003308	hsa-miR-638
145962	hsa-miR-639	1	MIMAT0003309	hsa-miR-639
42758	hsa-miR-640	1	MIMAT0003310	hsa-miR-640
17530	hsa-miR-641	1	MIMAT0003311	hsa-miR-641
42679	hsa-miR-642	1	MIMAT0003312	hsa-miR-642a

17325	hsa-miR-643	1	MIMAT0003313	hsa-miR-643
17563	hsa-miR-644	1	MIMAT0003314	hsa-miR-644
17613	hsa-miR-645	1	MIMAT0003315	hsa-miR-645
145963	hsa-miR-646	1	MIMAT0003316	hsa-miR-646
42746	hsa-miR-647	1	MIMAT0003317	hsa-miR-647
145715	hsa-miR-648	1	MIMAT0003318	hsa-miR-648
15619	hsa-miR-649	1	MIMAT0003319	hsa-miR-649
17593	hsa-miR-650	1	MIMAT0003320	hsa-miR-650
17394	hsa-miR-651	1	MIMAT0003321	hsa-miR-651
42827	hsa-miR-652	1	MIMAT0003322	hsa-miR-652
42607	hsa-miR-653	1	MIMAT0003328	hsa-miR-653
21498	hsa-miR-654-3p	1	MIMAT0004814	hsa-miR-654-3p
42843	hsa-miR-654-5p	1	MIMAT0003330	hsa-miR-654-5p
145696	hsa-miR-655	1	MIMAT0003331	hsa-miR-655
29736	hsa-miR-656	1	MIMAT0003332	hsa-miR-656
17460	hsa-miR-657	1	MIMAT0003335	hsa-miR-657
145842	hsa-miR-658	1	MIMAT0003336	hsa-miR-658
42749	hsa-miR-659	1	MIMAT0003337	hsa-miR-659
17338	hsa-miR-660	1	MIMAT0003338	hsa-miR-660
42535	hsa-miR-661	1	MIMAT0003324	hsa-miR-661
145839	hsa-miR-662	1	MIMAT0003325	hsa-miR-662
42807	hsa-miR-663	1	MIMAT0003326	hsa-miR-663
145976	hsa-miR-663b	1	MIMAT0005867	hsa-miR-663b
145973	hsa-miR-664	1	MIMAT0005949	hsa-miR-664
46829	hsa-miR-664*	1	MIMAT0005948	hsa-miR-664*
145768	hsa-miR-665	1	MIMAT0004952	hsa-miR-665
145701	hsa-miR-668	1	MIMAT0003881	hsa-miR-668
146006	hsa-miR-670	1	MIMAT0010357	hsa-miR-670
42525	hsa-miR-671-3p	1	MIMAT0004819	hsa-miR-671-3p
145716	hsa-miR-671-5p	1	MIMAT0003880	hsa-miR-671-5p
42761	hsa-miR-675	1	MIMAT0004284	hsa-miR-675
42859	hsa-miR-675*	1	MIMAT0006790	hsa-miR-675*
46452	hsa-miRPlus-F1057	1	MIMAT0018204	hsa-miR-676
29490	hsa-miR-7	1	MIMAT0000252	hsa-miR-7
11277	hsa-miR-7-1*	1	MIMAT0004553	hsa-miR-7-1*
42964	hsa-miR-7-2*	1	MIMAT0004554	hsa-miR-7-2*
29190	hsa-miR-708	1	MIMAT0004926	hsa-miR-708
17347	hsa-miR-708*	1	MIMAT0004927	hsa-miR-708*
146196	hsa-miR-711	1	MIMAT0012734	hsa-miR-711
146064	hsa-miR-718	1	MIMAT0012735	hsa-miR-718
42751	hsa-miR-720	1	MIMAT0005954	hsa-miR-720
27568	hsa-miR-744	1	MIMAT0004945	hsa-miR-744
42970	hsa-miR-744*	1	MIMAT0004946	hsa-miR-744*
28759	hsa-miR-758	1	MIMAT0003879	hsa-miR-758
23767	hsa-miR-759	1	MIMAT0010497	hsa-miR-759
42852	hsa-miR-760	1	MIMAT0004957	hsa-miR-760
32608	hsa-miR-761	1	MIMAT0010364	hsa-miR-761
146107	hsa-miR-762	1	MIMAT0010313	hsa-miR-762
146096	hsa-miR-764	1	MIMAT0010367	hsa-miR-764
145805	hsa-miR-765	1	MIMAT0003945	hsa-miR-765
145847	hsa-miR-766	1	MIMAT0003888	hsa-miR-766
28396	hsa-miR-767-3p	1	MIMAT0003883	hsa-miR-767-3p
28009	hsa-miR-767-5p	1	MIMAT0003882	hsa-miR-767-5p

146111	blank	1	MIMAT0003882	hsa-miR-767-5p
42828	hsa-miR-769-3p	1	MIMAT0003887	hsa-miR-769-3p
32891	hsa-miR-769-5p	1	MIMAT0003886	hsa-miR-769-5p
28251	hsa-miR-770-5p	1	MIMAT0003948	hsa-miR-770-5p
30442	hsa-miR-802	1	MIMAT0004185	hsa-miR-802
17917	hsa-miR-873	1	MIMAT0004953	hsa-miR-873
42808	hsa-miR-874	1	MIMAT0004911	hsa-miR-874
17817	hsa-miR-875-3p	1	MIMAT0004923	hsa-miR-875-3p
145721	hsa-miR-875-5p	1	MIMAT0004922	hsa-miR-875-5p
28884	hsa-miR-876-3p	1	MIMAT0004925	hsa-miR-876-3p
42940	hsa-miR-876-5p	1	MIMAT0004924	hsa-miR-876-5p
30033	hsa-miR-877	1	MIMAT0004949	hsa-miR-877
42771	hsa-miR-877*	1	MIMAT0004950	hsa-miR-877*
42633	hsa-miR-885-3p	1	MIMAT0004948	hsa-miR-885-3p
46259	hsa-miR-885-5p	1	MIMAT0004947	hsa-miR-885-5p
145724	hsa-miR-887	1	MIMAT0004951	hsa-miR-887
28889	hsa-miR-888	1	MIMAT0004916	hsa-miR-888
42825	hsa-miR-888*	1	MIMAT0004917	hsa-miR-888*
42556	hsa-miR-889	1	MIMAT0004921	hsa-miR-889
28047	hsa-miR-890	1	MIMAT0004912	hsa-miR-890
27961	hsa-miR-891a	1	MIMAT0004902	hsa-miR-891a
21501	hsa-miR-891b	1	MIMAT0004913	hsa-miR-891b
42858	hsa-miR-892a	1	MIMAT0004907	hsa-miR-892a
42493	hsa-miR-892b	1	MIMAT0004918	hsa-miR-892b
4040	blank	1	MIMAT0000441	hsa-miR-9
145649	hsa-miR-9	1	MIMAT0000441	hsa-miR-9
29852	hsa-miR-9*	1	MIMAT0000442	hsa-miR-9*
42932	hsa-miR-920	1	MIMAT0004970	hsa-miR-920
46507	hsa-miR-921	1	MIMAT0004971	hsa-miR-921
42683	hsa-miR-922	1	MIMAT0004972	hsa-miR-922
42788	hsa-miR-924	1	MIMAT0004974	hsa-miR-924
42728	blank	1	MIMAT0000092	hsa-miR-92a
145693	hsa-miR-92a	1	MIMAT0000092	hsa-miR-92a
42926	hsa-miR-92a-1*	1	MIMAT0004507	hsa-miR-92a-1*
42801	hsa-miR-92a-2*	1	MIMAT0004508	hsa-miR-92a-2*
145884	blank	1	MIMAT0003218	hsa-miR-92b
17718	hsa-miR-92b	1	MIMAT0003218	hsa-miR-92b
42717	hsa-miR-92b*	1	MIMAT0004792	hsa-miR-92b*
30687	hsa-miR-93	1	MIMAT0000093	hsa-miR-93
42747	hsa-miR-93*	1	MIMAT0004509	hsa-miR-93*
42539	hsa-miR-933	1	MIMAT0004976	hsa-miR-933
17863	hsa-miR-934	1	MIMAT0004977	hsa-miR-934
145742	hsa-miR-935	1	MIMAT0004978	hsa-miR-935
42869	hsa-miR-936	1	MIMAT0004979	hsa-miR-936
42514	hsa-miR-937	1	MIMAT0004980	hsa-miR-937
42776	hsa-miR-938	1	MIMAT0004981	hsa-miR-938
145980	hsa-miR-939	1	MIMAT0004982	hsa-miR-939
146115	hsa-miR-940	1	MIMAT0004983	hsa-miR-940
42814	hsa-miR-941	1	MIMAT0004984	hsa-miR-941
42608	hsa-miR-942	1	MIMAT0004985	hsa-miR-942
42696	hsa-miR-943	1	MIMAT0004986	hsa-miR-943
42873	hsa-miR-944	1	MIMAT0004987	hsa-miR-944
11181	hsa-miR-95	1	MIMAT0000094	hsa-miR-95

13147	hsa-miR-96	1	MIMAT0000095	hsa-miR-96
42971	hsa-miR-96*	1	MIMAT0004510	hsa-miR-96*
11182	hsa-miR-98	1	MIMAT0000096	hsa-miR-98
42708	hsa-miR-99a	1	MIMAT0000097	hsa-miR-99a
145651	hsa-miR-99a*	1	MIMAT0004511	hsa-miR-99a*
11184	hsa-miR-99b	1	MIMAT0000689	hsa-miR-99b
17898	hsa-miR-99b*	1	MIMAT0004678	hsa-miR-99b*

Table S2B

Probe_ID	mir_ID	miRBase 15. # targets	MIMAT ID	mir_ID	miRBase 17.0
17748	blank	3	MI0000060	hsa-let-7a-1	
146011	hsa-let-7a	3	MI0000060	hsa-let-7a-1	
17888	hsa-let-7a*	2	MI0000060	hsa-let-7a-1	
17748	blank	3	MI0000061	hsa-let-7a-2	
146011	hsa-let-7a	3	MI0000061	hsa-let-7a-2	
42530	hsa-let-7a-2*	1	MI0000061	hsa-let-7a-2	
17748	blank	3	MI0000062	hsa-let-7a-3	
146011	hsa-let-7a	3	MI0000062	hsa-let-7a-3	
17888	hsa-let-7a*	2	MI0000062	hsa-let-7a-3	
42769	hsa-let-7b*	1	MI0000063	hsa-let-7b	
17749	hsa-let-7b	1	MI0000063	hsa-let-7b	
42653	hsa-let-7c*	1	MI0000064	hsa-let-7c	
145820	hsa-let-7c	1	MI0000064	hsa-let-7c	
19004	blank	1	MI0000064	hsa-let-7c	
42668	blank	1	MI0000064	hsa-let-7c	
46437	blank	1	MI0000065	hsa-let-7d	
145968	hsa-let-7d	1	MI0000065	hsa-let-7d	
145633	hsa-let-7d*	1	MI0000065	hsa-let-7d	
46436	blank	1	MI0000066	hsa-let-7e	
42743	hsa-let-7e*	1	MI0000066	hsa-let-7e	
145846	hsa-let-7e	1	MI0000066	hsa-let-7e	
17752	hsa-let-7f	2	MI0000067	hsa-let-7f-1	
46435	blank	2	MI0000067	hsa-let-7f-1	
145840	hsa-let-7f-1*	1	MI0000067	hsa-let-7f-1	
17752	hsa-let-7f	2	MI0000068	hsa-let-7f-2	
46435	blank	2	MI0000068	hsa-let-7f-2	
42742	hsa-let-7f-2*	1	MI0000068	hsa-let-7f-2	
46438	hsa-let-7g	1	MI0000433	hsa-let-7g	
42778	hsa-let-7g*	1	MI0000433	hsa-let-7g	
9938	hsa-let-7i	1	MI0000434	hsa-let-7i	
145746	hsa-let-7i*	1	MI0000434	hsa-let-7i	
10916	hsa-miR-1	2	MI0000651	hsa-mir-1-1	
10916	hsa-miR-1	2	MI0000437	hsa-mir-1-2	
145694	hsa-miR-100*	1	MI0000102	hsa-mir-100	
145943	hsa-miR-100	1	MI0000102	hsa-mir-100	
31026	hsa-miR-101	2	MI0000103	hsa-mir-101-1	
17935	hsa-miR-101*	1	MI0000103	hsa-mir-101-1	
31026	hsa-miR-101	2	MI0000739	hsa-mir-101-2	
10919	hsa-miR-103	2	MI0000109	hsa-mir-103a-1	
10919	hsa-miR-103	2	MI0000108	hsa-mir-103a-2	
146223	hsa-miR-103-2*	1	MI0000108	hsa-mir-103a-2	
146033	hsa-miR-103-as	2	MI0007261	hsa-mir-103b-1	
146033	hsa-miR-103-as	2	MI0007262	hsa-mir-103b-2	
5250	hsa-miR-105	2	MI0000111	hsa-mir-105-1	
42562	hsa-miR-105*	2	MI0000111	hsa-mir-105-1	
5250	hsa-miR-105	2	MI0000112	hsa-mir-105-2	
42562	hsa-miR-105*	2	MI0000112	hsa-mir-105-2	
42508	hsa-miR-106a*	1	MI0000113	hsa-mir-106a	
46801	hsa-miR-106a	1	MI0000113	hsa-mir-106a	
17854	hsa-miR-106b*	1	MI0000734	hsa-mir-106b	
19582	hsa-miR-106b	1	MI0000734	hsa-mir-106b	

10923	hsa-miR-107	1	MI0000114	hsa-mir-107
13485	hsa-miR-10a	1	MI0000266	hsa-mir-10a
28019	hsa-miR-10a*	1	MI0000266	hsa-mir-10a
42969	hsa-miR-10b*	1	MI0000267	hsa-mir-10b
10925	hsa-miR-10b	1	MI0000267	hsa-mir-10b
46822	hsa-miR-1178	1	MI0006271	hsa-mir-1178
46735	hsa-miR-1179	1	MI0006272	hsa-mir-1179
42848	hsa-miR-1180	1	MI0006273	hsa-mir-1180
46675	hsa-miR-1181	1	MI0006274	hsa-mir-1181
46738	hsa-miR-1182	1	MI0006275	hsa-mir-1182
46880	hsa-miR-1183	1	MI0006276	hsa-mir-1183
46258	hsa-miR-1184	3	MI0006277	hsa-mir-1184-1
46258	hsa-miR-1184	3	MI0015971	hsa-mir-1184-2
46258	hsa-miR-1184	3	MI0015972	hsa-mir-1184-3
46419	hsa-miR-1185	2	MI0003844	hsa-mir-1185-1
46419	hsa-miR-1185	2	MI0003821	hsa-mir-1185-2
46617	hsa-miR-1197	1	MI0006656	hsa-mir-1197
46272	hsa-miR-1200	1	MI0006332	hsa-mir-1200
46832	hsa-miR-1202	1	MI0006334	hsa-mir-1202
46411	hsa-miR-1203	1	MI0006335	hsa-mir-1203
46791	hsa-miR-1204	1	MI0006337	hsa-mir-1204
46860	hsa-miR-1205	1	MI0006338	hsa-mir-1205
46779	hsa-miR-1206	1	MI0006339	hsa-mir-1206
46345	hsa-miR-1207-3p	1	MI0006340	hsa-mir-1207
46565	hsa-miR-1207-5p	1	MI0006340	hsa-mir-1207
46766	hsa-miR-1208	1	MI0006341	hsa-mir-1208
19583	hsa-miR-122	1	MI0000442	hsa-mir-122
42551	hsa-miR-122*	1	MI0000442	hsa-mir-122
46462	hsa-miR-1224-5p	1	MI0003764	hsa-mir-1224
46800	hsa-miR-1224-3p	1	MI0003764	hsa-mir-1224
46541	hsa-miR-1225-5p	1	MI0006311	hsa-mir-1225
46684	hsa-miR-1225-3p	1	MI0006311	hsa-mir-1225
46309	hsa-miR-1226	1	MI0006313	hsa-mir-1226
46246	hsa-miR-1226*	1	MI0006313	hsa-mir-1226
46806	hsa-miR-1227	1	MI0006316	hsa-mir-1227
46222	hsa-miR-1228*	1	MI0006318	hsa-mir-1228
46695	hsa-miR-1228	1	MI0006318	hsa-mir-1228
46689	hsa-miR-1229	1	MI0006319	hsa-mir-1229
46531	hsa-miR-1231	1	MI0006321	hsa-mir-1231
46326	hsa-miR-1233	2	MI0006323	hsa-mir-1233-1
46326	hsa-miR-1233	2	MI0015973	hsa-mir-1233-2
46696	hsa-miR-1234	1	MI0006324	hsa-mir-1234
46624	hsa-miR-1236	1	MI0006326	hsa-mir-1236
46850	hsa-miR-1237	1	MI0006327	hsa-mir-1237
46690	hsa-miR-1238	1	MI0006328	hsa-mir-1238
14328	hsa-miR-124	3	MI0000443	hsa-mir-124-1
42898	hsa-miR-124*	3	MI0000443	hsa-mir-124-1
14328	hsa-miR-124	3	MI0000444	hsa-mir-124-2
42898	hsa-miR-124*	3	MI0000444	hsa-mir-124-2
14328	hsa-miR-124	3	MI0000445	hsa-mir-124-3
42898	hsa-miR-124*	3	MI0000445	hsa-mir-124-3
46439	hsa-miR-1243	1	MI0006373	hsa-mir-1243

46404	hsa-miR-1244	3	MI0006379	hsa-mir-1244-1
46404	hsa-miR-1244	3	MI0015974	hsa-mir-1244-2
46404	hsa-miR-1244	3	MI0015975	hsa-mir-1244-3
46321	hsa-miR-1245	1	MI0006380	hsa-mir-1245
46514	hsa-miR-1246	1	MI0006381	hsa-mir-1246
145977	hsa-miR-1247	1	MI0006382	hsa-mir-1247
46427	hsa-miR-1248	1	MI0006383	hsa-mir-1248
46210	hsa-miR-1249	1	MI0006384	hsa-mir-1249
46214	hsa-miR-1250	1	MI0006385	hsa-mir-1250
46275	hsa-miR-1251	1	MI0006386	hsa-mir-1251
46924	hsa-miR-1252	1	MI0006434	hsa-mir-1252
46707	hsa-miR-1253	1	MI0006387	hsa-mir-1253
46750	hsa-miR-1254	2	MI0006388	hsa-mir-1254
46750	hsa-miR-1254	2	MI0016747	hsa-mir-1254-2
46380	hsa-miR-1255a	1	MI0006389	hsa-mir-1255a
46402	hsa-miR-1255b	2	MI0006435	hsa-mir-1255b-1
46402	hsa-miR-1255b	2	MI0006436	hsa-mir-1255b-2
46717	hsa-miR-1256	1	MI0006390	hsa-mir-1256
46640	hsa-miR-1257	1	MI0006391	hsa-mir-1257
46869	hsa-miR-1258	1	MI0006392	hsa-mir-1258
10928	hsa-miR-125a-5p	1	MI0000469	hsa-mir-125a
17942	hsa-miR-125a-3p	1	MI0000469	hsa-mir-125a
30787	hsa-miR-125b	2	MI0000446	hsa-mir-125b-1
145838	hsa-miR-125b-1*	1	MI0000446	hsa-mir-125b-1
30787	hsa-miR-125b	2	MI0000470	hsa-mir-125b-2
42845	hsa-miR-125b-2*	1	MI0000470	hsa-mir-125b-2
4610	hsa-miR-126	1	MI0000471	hsa-mir-126
33596	hsa-miR-126*	1	MI0000471	hsa-mir-126
145975	hsa-miR-1260	1	MI0006394	hsa-mir-1260
46248	hsa-miR-1261	1	MI0006396	hsa-mir-1261
46872	hsa-miR-1262	1	MI0006397	hsa-mir-1262
46747	hsa-miR-1263	1	MI0006398	hsa-mir-1263
46732	hsa-miR-1264	1	MI0003758	hsa-mir-1264
46737	hsa-miR-1265	1	MI0006401	hsa-mir-1265
46517	hsa-miR-1266	1	MI0006403	hsa-mir-1266
46633	hsa-miR-1267	1	MI0006404	hsa-mir-1267
46558	hsa-miR-1268	2	MI0006405	hsa-mir-1268
46558	hsa-miR-1268	2	MI0016748	hsa-mir-1268b
46746	hsa-miR-1269	1	MI0006406	hsa-mir-1269
42692	hsa-miR-127-5p	1	MI0000472	hsa-mir-127
42829	hsa-miR-127-3p	1	MI0000472	hsa-mir-127
46752	hsa-miR-1270	2	MI0006407	hsa-mir-1270-1
46752	hsa-miR-1270	2	MI0015976	hsa-mir-1270-2
46627	hsa-miR-1271	1	MI0003814	hsa-mir-1271
46363	hsa-miR-1272	1	MI0006408	hsa-mir-1272
46623	hsa-miR-1273	1	MI0006409	hsa-mir-1273
46620	hsa-miR-1275	1	MI0006415	hsa-mir-1275
46642	hsa-miR-1276	1	MI0006416	hsa-mir-1276
46925	hsa-miR-1277	1	MI0006419	hsa-mir-1277
46361	hsa-miR-1278	1	MI0006425	hsa-mir-1278
45775	hsa-miR-1279	1	MI0006426	hsa-mir-1279
33902	hsa-miR-128	2	MI0000447	hsa-mir-128-1

33902	hsa-miR-128	2	MI0000727	hsa-mir-128-2
46698	hsa-miR-1280	1	MI0006437	hsa-mir-1280
46634	hsa-miR-1281	1	MI0006428	hsa-mir-1281
46368	hsa-miR-1282	1	MI0006429	hsa-mir-1282
46367	hsa-miR-1283	2	MI0003832	hsa-mir-1283-1
46367	hsa-miR-1283	2	MI0006430	hsa-mir-1283-2
46533	hsa-miRPlus-F1056	1	MI0006430	hsa-mir-1283-2
46336	hsa-miR-1284	1	MI0006431	hsa-mir-1284
145981	hsa-miR-1285	2	MI0006346	hsa-mir-1285-1
145981	hsa-miR-1285	2	MI0006347	hsa-mir-1285-2
46295	hsa-miR-1286	1	MI0006348	hsa-mir-1286
46440	hsa-miR-1287	1	MI0006349	hsa-mir-1287
46606	hsa-miR-1288	1	MI0006432	hsa-mir-1288
46340	hsa-miR-1289	2	MI0006350	hsa-mir-1289-1
46340	hsa-miR-1289	2	MI0006351	hsa-mir-1289-2
42467	hsa-miR-129-5p	2	MI0000252	hsa-mir-129-1
42571	hsa-miR-129*	1	MI0000252	hsa-mir-129-1
42467	hsa-miR-129-5p	2	MI0000473	hsa-mir-129-2
145970	hsa-miR-129-3p	1	MI0000473	hsa-mir-129-2
46921	hsa-miR-1290	1	MI0006352	hsa-mir-1290
46281	hsa-miR-1291	1	MI0006353	hsa-mir-1291
45936	hsa-miR-1292	1	MI0006433	hsa-mir-1292
46416	hsa-miR-1293	1	MI0006355	hsa-mir-1293
46661	hsa-miR-1294	1	MI0006356	hsa-mir-1294
46645	hsa-miRPlus-F1242	1	MI0006356	hsa-mir-1294
46741	hsa-miR-1295	1	MI0006357	hsa-mir-1295
42710	hsa-miR-1296	1	MI0003780	hsa-mir-1296
46944	hsa-miR-1297	1	MI0006358	hsa-mir-1297
46381	hsa-miR-1298	1	MI0003938	hsa-mir-1298
46788	hsa-miR-1299	1	MI0006359	hsa-mir-1299
46215	hsa-miR-1301	1	MI0003815	hsa-mir-1301
46796	hsa-miR-1302	11	MI0006362	hsa-mir-1302-1
46796	hsa-miR-1302	11	MI0015979	hsa-mir-1302-10
46796	hsa-miR-1302	11	MI0015980	hsa-mir-1302-11
46796	hsa-miR-1302	11	MI0006363	hsa-mir-1302-2
46796	hsa-miR-1302	11	MI0006364	hsa-mir-1302-3
46796	hsa-miR-1302	11	MI0006365	hsa-mir-1302-4
46796	hsa-miR-1302	11	MI0006366	hsa-mir-1302-5
46796	hsa-miR-1302	11	MI0006367	hsa-mir-1302-6
46796	hsa-miR-1302	11	MI0006368	hsa-mir-1302-7
46796	hsa-miR-1302	11	MI0006369	hsa-mir-1302-8
46796	hsa-miR-1302	11	MI0015978	hsa-mir-1302-9
46625	hsa-miR-1303	1	MI0006370	hsa-mir-1303
46479	hsa-miR-1304	1	MI0006371	hsa-mir-1304
46501	hsa-miR-1305	1	MI0006372	hsa-mir-1305
46219	hsa-miRPlus-F1185	1	MI0006443	hsa-mir-1306
46223	hsa-miR-1306	1	MI0006443	hsa-mir-1306
42681	hsa-miR-1307	1	MI0006444	hsa-mir-1307
42780	hsa-miRPlus-A1065	1	MI0006444	hsa-mir-1307
10138	hsa-miR-130a	1	MI0000448	hsa-mir-130a
42718	hsa-miR-130a*	1	MI0000448	hsa-mir-130a
42787	hsa-miR-130b*	1	MI0000748	hsa-mir-130b

10936	hsa-miR-130b	1	MI0000748	hsa-mir-130b
10937	hsa-miR-132	1	MI0000449	hsa-mir-132
145634	hsa-miR-132*	1	MI0000449	hsa-mir-132
46866	hsa-miR-1321	1	MI0006652	hsa-mir-1321
46408	hsa-miR-1322	2	MI0006653	hsa-mir-1322
46614	hsa-miR-1323	1	MI0003786	hsa-mir-1323
46647	hsa-miR-1324	1	MI0006657	hsa-mir-1324
32809	blank	2	MI0000450	hsa-mir-133a-1
146137	hsa-miR-133a	2	MI0000450	hsa-mir-133a-1
17653	hsa-miRPlus-C1049	2	MI0000450	hsa-mir-133a-1
32809	blank	2	MI0000451	hsa-mir-133a-2
146137	hsa-miR-133a	2	MI0000451	hsa-mir-133a-2
17653	hsa-miRPlus-C1049	2	MI0000451	hsa-mir-133a-2
146160	hsa-miR-133b	1	MI0000822	hsa-mir-133b
42942	hsa-miR-134	1	MI0000474	hsa-mir-134
145679	blank	2	MI0000452	hsa-mir-135a-1
42839	hsa-miR-135a	2	MI0000452	hsa-mir-135a-1
42609	hsa-miR-135a*	1	MI0000452	hsa-mir-135a-1
145679	blank	2	MI0000453	hsa-mir-135a-2
42839	hsa-miR-135a	2	MI0000453	hsa-mir-135a-2
46859	blank	1	MI0000453	hsa-mir-135a-2
10942	blank	1	MI0000810	hsa-mir-135b
42615	hsa-miR-135b*	1	MI0000810	hsa-mir-135b
145914	hsa-miR-135b	1	MI0000810	hsa-mir-135b
42512	hsa-miR-136*	1	MI0000475	hsa-mir-136
145760	hsa-miR-136	1	MI0000475	hsa-mir-136
42686	blank	1	MI0000475	hsa-mir-136
10943	blank	1	MI0000475	hsa-mir-136
10944	blank	1	MI0000454	hsa-mir-137
145749	hsa-miR-137	1	MI0000454	hsa-mir-137
13140	hsa-miR-138	2	MI0000476	hsa-mir-138-1
42872	hsa-miR-138-1*	1	MI0000476	hsa-mir-138-1
13140	hsa-miR-138	2	MI0000455	hsa-mir-138-2
42454	hsa-miR-138-2*	1	MI0000455	hsa-mir-138-2
42451	hsa-miR-139-3p	1	MI0000261	hsa-mir-139
145677	hsa-miR-139-5p	1	MI0000261	hsa-mir-139
4700	hsa-miR-140-5p	1	MI0000456	hsa-mir-140
42630	hsa-miR-140-3p	1	MI0000456	hsa-mir-140
10946	hsa-miR-141	1	MI0000457	hsa-mir-141
145972	hsa-miR-141*	1	MI0000457	hsa-mir-141
10947	hsa-miR-142-3p	1	MI0000458	hsa-mir-142
145798	hsa-miR-142-5p	1	MI0000458	hsa-mir-142
13177	hsa-miR-143	1	MI0000459	hsa-mir-143
46467	hsa-miR-143*	1	MI0000459	hsa-mir-143
42660	hsa-miR-144*	1	MI0000460	hsa-mir-144
29802	hsa-miR-144	1	MI0000460	hsa-mir-144
31867	hsa-miR-145*	1	MI0000461	hsa-mir-145
42641	hsa-miR-145	1	MI0000461	hsa-mir-145
46584	hsa-miR-1468	1	MI0003782	hsa-mir-1468
146072	hsa-miR-1469	1	MI0007074	hsa-mir-1469
145755	hsa-miR-146a*	1	MI0000477	hsa-mir-146a
10952	hsa-miR-146a	1	MI0000477	hsa-mir-146a

10306	hsa-miR-146b-5p	1	MI0003129	hsa-mir-146b
42461	hsa-miR-146b-3p	1	MI0003129	hsa-mir-146b
10954	hsa-miR-147	1	MI0000262	hsa-mir-147
146121	hsa-miR-1470	1	MI0007075	hsa-mir-1470
146052	hsa-miR-1471	1	MI0007076	hsa-mir-1471
17411	hsa-miR-147b	1	MI0005544	hsa-mir-147b
10955	hsa-miR-148a	1	MI0000253	hsa-mir-148a
17872	hsa-miR-148a*	1	MI0000253	hsa-mir-148a
42736	hsa-miR-148b*	1	MI0000811	hsa-mir-148b
30908	blank	1	MI0000811	hsa-mir-148b
19585	hsa-miR-148b	1	MI0000811	hsa-mir-148b
42810	hsa-miR-149	1	MI0000478	hsa-mir-149
42486	hsa-miR-149*	1	MI0000478	hsa-mir-149
42802	blank	1	MI0000479	hsa-mir-150
145678	hsa-miR-150	1	MI0000479	hsa-mir-150
42850	hsa-miR-150*	1	MI0000479	hsa-mir-150
11260	hsa-miR-151-5p	1	MI0000809	hsa-mir-151
17463	hsa-miR-151-3p	1	MI0000809	hsa-mir-151
17676	hsa-miR-152	1	MI0000462	hsa-mir-152
42599	hsa-miR-153	2	MI0000463	hsa-mir-153-1
42599	hsa-miR-153	2	MI0000464	hsa-mir-153-2
17880	hsa-miRPlus-C1057	1	MI0000464	hsa-mir-153-2
46515	hsa-miR-1537	1	MI0007258	hsa-mir-1537
146114	hsa-miR-1538	1	MI0007259	hsa-mir-1538
146105	hsa-miR-1539	1	MI0007260	hsa-mir-1539
46616	blank	1	MI0000480	hsa-mir-154
42572	hsa-miR-154*	1	MI0000480	hsa-mir-154
145857	hsa-miR-154	1	MI0000480	hsa-mir-154
42949	hsa-miR-155*	1	MI0000681	hsa-mir-155
10964	hsa-miR-155	1	MI0000681	hsa-mir-155
42789	hsa-miR-15a*	1	MI0000069	hsa-mir-15a
27720	hsa-miR-15a	1	MI0000069	hsa-mir-15a
17902	hsa-miR-15b*	1	MI0000438	hsa-mir-15b
17280	hsa-miR-15b	1	MI0000438	hsa-mir-15b
10967	hsa-miR-16	2	MI0000070	hsa-mir-16-1
17936	hsa-miR-16-1*	1	MI0000070	hsa-mir-16-1
10967	hsa-miR-16	2	MI0000115	hsa-mir-16-2
42874	hsa-miR-16-2*	1	MI0000115	hsa-mir-16-2
42650	hsa-miR-17	1	MI0000071	hsa-mir-17
19588	hsa-miR-17*	1	MI0000071	hsa-mir-17
46777	blank	1	MI0000071	hsa-mir-17
42865	hsa-miR-181a	2	MI0000289	hsa-mir-181a-1
11013	hsa-miR-181a*	1	MI0000289	hsa-mir-181a-1
42865	hsa-miR-181a	2	MI0000269	hsa-mir-181a-2
17928	hsa-miR-181a-2*	1	MI0000269	hsa-mir-181a-2
10972	hsa-miR-181b	2	MI0000270	hsa-mir-181b-1
10972	hsa-miR-181b	2	MI0000683	hsa-mir-181b-2
145759	hsa-miR-181c*	1	MI0000271	hsa-mir-181c
42496	hsa-miR-181c	1	MI0000271	hsa-mir-181c
145636	hsa-miR-181d	1	MI0003139	hsa-mir-181d
10976	hsa-miR-182*	1	MI0000272	hsa-mir-182
10975	hsa-miR-182	1	MI0000272	hsa-mir-182

46266	hsa-miR-1825	1	MI0008193	hsa-mir-1825
46810	hsa-miR-1827	1	MI0008195	hsa-mir-1827
17953	hsa-miR-183*	1	MI0000273	hsa-mir-183
10977	hsa-miR-183	1	MI0000273	hsa-mir-183
145801	hsa-miR-184	1	MI0000481	hsa-mir-184
17904	hsa-miR-185*	1	MI0000482	hsa-mir-185
42902	hsa-miR-185	1	MI0000482	hsa-mir-185
18739	hsa-miR-186	1	MI0000483	hsa-mir-186
42614	hsa-miR-186*	1	MI0000483	hsa-mir-186
42775	hsa-miR-187*	1	MI0000274	hsa-mir-187
145637	hsa-miR-187	1	MI0000274	hsa-mir-187
42620	hsa-miR-188-5p	1	MI0000484	hsa-mir-188
42786	hsa-miR-188-3p	1	MI0000484	hsa-mir-188
42588	hsa-miR-18a	1	MI0000072	hsa-mir-18a
13178	hsa-miR-18a*	1	MI0000072	hsa-mir-18a
13141	blank	1	MI0001518	hsa-mir-18b
42644	blank	1	MI0001518	hsa-mir-18b
145878	hsa-miR-18b	1	MI0001518	hsa-mir-18b
145826	hsa-miR-18b*	1	MI0001518	hsa-mir-18b
27536	hsa-miR-190	1	MI0000486	hsa-mir-190
28431	hsa-miR-1908	1	MI0008329	hsa-mir-1908
146138	hsa-miR-1909*	1	MI0008330	hsa-mir-1909
146180	hsa-miR-1909	1	MI0008330	hsa-mir-1909
32731	hsa-miR-190b	1	MI0005545	hsa-mir-190b
10985	hsa-miR-191	1	MI0000465	hsa-mir-191
42705	hsa-miR-191*	1	MI0000465	hsa-mir-191
146109	hsa-miR-1910	1	MI0008331	hsa-mir-1910
146000	hsa-miR-1911	1	MI0008332	hsa-mir-1911
146094	hsa-miR-1911*	1	MI0008332	hsa-mir-1911
146168	hsa-miR-1912	1	MI0008333	hsa-mir-1912
146103	hsa-miR-1913	1	MI0008334	hsa-mir-1913
146061	hsa-miR-1914*	1	MI0008335	hsa-mir-1914
146091	hsa-miR-1914	1	MI0008335	hsa-mir-1914
146069	hsa-miR-1915*	1	MI0008336	hsa-mir-1915
146068	hsa-miR-1915	1	MI0008336	hsa-mir-1915
17946	hsa-miR-192*	1	MI0000234	hsa-mir-192
17732	hsa-miR-192	1	MI0000234	hsa-mir-192
10986	hsa-miR-193a-3p	1	MI0000487	hsa-mir-193a
46443	hsa-miR-193a-5p	1	MI0000487	hsa-mir-193a
42962	hsa-miR-193b*	1	MI0003137	hsa-mir-193b
145895	blank	1	MI0003137	hsa-mir-193b
10987	hsa-miR-193b	1	MI0003137	hsa-mir-193b
10988	hsa-miR-194	2	MI0000488	hsa-mir-194-1
17820	hsa-miRPlus-C1066	1	MI0000488	hsa-mir-194-1
10988	hsa-miR-194	2	MI0000732	hsa-mir-194-2
42570	hsa-miR-194*	1	MI0000732	hsa-mir-194-2
42723	hsa-miR-195*	1	MI0000489	hsa-mir-195
13148	hsa-miR-195	1	MI0000489	hsa-mir-195
10990	hsa-miR-196a	2	MI0000238	hsa-mir-196a-1
10990	hsa-miR-196a	2	MI0000279	hsa-mir-196a-2
42538	hsa-miR-196a*	1	MI0000279	hsa-mir-196a-2
10991	blank	1	MI0001150	hsa-mir-196b

145889	hsa-miR-196b	1	MI0001150	hsa-mir-196b
145995	hsa-miR-196b*	1	MI0001150	hsa-mir-196b
42783	hsa-miR-197	1	MI0000239	hsa-mir-197
146142	hsa-miR-1972	2	MI0009982	hsa-mir-1972-1
146142	hsa-miR-1972	2	MI0015977	hsa-mir-1972-2
146165	hsa-miR-1973	1	MI0009983	hsa-mir-1973
146140	hsa-miR-1976	1	MI0009986	hsa-mir-1976
27540	hsa-miR-198	1	MI0000240	hsa-mir-198
10995	hsa-miR-199a-3p/h:	3	MI0000242	hsa-mir-199a-1
29562	hsa-miR-199a-5p	2	MI0000242	hsa-mir-199a-1
10995	hsa-miR-199a-3p/h:	3	MI0000281	hsa-mir-199a-2
29562	hsa-miR-199a-5p	2	MI0000281	hsa-mir-199a-2
10995	hsa-miR-199a-3p/h:	3	MI0000282	hsa-mir-199b
19591	hsa-miR-199b-5p	1	MI0000282	hsa-mir-199b
10997	hsa-miR-19a	1	MI0000073	hsa-mir-19a
42549	hsa-miR-19a*	1	MI0000073	hsa-mir-19a
10998	hsa-miR-19b	2	MI0000074	hsa-mir-19b-1
17883	hsa-miR-19b-1*	1	MI0000074	hsa-mir-19b-1
10998	hsa-miR-19b	2	MI0000075	hsa-mir-19b-2
42918	hsa-miR-19b-2*	1	MI0000075	hsa-mir-19b-2
11000	hsa-miR-200a	1	MI0000737	hsa-mir-200a
145827	hsa-miR-200a*	1	MI0000737	hsa-mir-200a
145953	hsa-miR-200b	1	MI0000342	hsa-mir-200b
145974	hsa-miR-200b*	1	MI0000342	hsa-mir-200b
17427	hsa-miR-200c	1	MI0000650	hsa-mir-200c
17851	hsa-miR-200c*	1	MI0000650	hsa-mir-200c
42590	hsa-miR-202*	1	MI0003130	hsa-mir-202
42507	blank	1	MI0003130	hsa-mir-202
42968	hsa-miR-202	1	MI0003130	hsa-mir-202
17957	hsa-miRPlus-C1070	1	MI0000283	hsa-mir-203
11004	hsa-miR-203	1	MI0000283	hsa-mir-203
11005	hsa-miR-204	1	MI0000284	hsa-mir-204
42502	blank	1	MI0000284	hsa-mir-204
46917	hsa-miR-205	1	MI0000285	hsa-mir-205
145996	hsa-miR-205*	1	MI0000285	hsa-mir-205
145986	hsa-miR-2052	1	MI0010486	hsa-mir-2052
146122	hsa-miR-2053	1	MI0010487	hsa-mir-2053
145987	hsa-miR-2054	1	MI0010488	hsa-mir-2054
11007	hsa-miR-206	1	MI0000490	hsa-mir-206
5730	hsa-miR-208a	1	MI0000251	hsa-mir-208a
42555	hsa-miR-208b	1	MI0005570	hsa-mir-208b
42663	hsa-miR-20a*	1	MI0000076	hsa-mir-20a
145845	hsa-miR-20a	1	MI0000076	hsa-mir-20a
42640	blank	1	MI0001519	hsa-mir-20b
17882	hsa-miR-20b*	1	MI0001519	hsa-mir-20b
42860	blank	1	MI0001519	hsa-mir-20b
145915	hsa-miR-20b	1	MI0001519	hsa-mir-20b
17896	blank	1	MI0000077	hsa-mir-21
42524	hsa-miR-21*	1	MI0000077	hsa-mir-21
5740	hsa-miR-21	1	MI0000077	hsa-mir-21
145917	blank	1	MI0000077	hsa-mir-21
145852	hsa-miR-210	1	MI0000286	hsa-mir-210

11011	hsa-miR-211	1	MI0000287	hsa-mir-211
42734	hsa-miR-2110	1	MI0010629	hsa-mir-2110
146179	hsa-miR-2113	1	MI0003939	hsa-mir-2113
146074	hsa-miR-2114	1	MI0010633	hsa-mir-2114
146173	hsa-miR-2114*	1	MI0010633	hsa-mir-2114
146161	hsa-miR-2115*	1	MI0010634	hsa-mir-2115
146044	hsa-miR-2115	1	MI0010634	hsa-mir-2115
146116	hsa-miR-2116*	1	MI0010635	hsa-mir-2116
146010	hsa-miR-2116	1	MI0010635	hsa-mir-2116
146131	hsa-miR-2117	1	MI0010636	hsa-mir-2117
42627	hsa-miR-212	1	MI0000288	hsa-mir-212
145822	hsa-miR-214*	1	MI0000290	hsa-mir-214
11014	hsa-miR-214	1	MI0000290	hsa-mir-214
11015	hsa-miR-215	1	MI0000291	hsa-mir-215
42553	hsa-miR-216a	1	MI0000292	hsa-mir-216a
145707	hsa-miR-216b	1	MI0005569	hsa-mir-216b
19016	hsa-miR-217	1	MI0000293	hsa-mir-217
11018	hsa-miR-218	2	MI0000294	hsa-mir-218-1
42941	hsa-miR-218-1*	1	MI0000294	hsa-mir-218-1
42931	blank	1	MI0000294	hsa-mir-218-1
11018	hsa-miR-218	2	MI0000295	hsa-mir-218-2
145836	hsa-miR-218-2*	1	MI0000295	hsa-mir-218-2
42509	hsa-miR-219-5p	2	MI0000296	hsa-mir-219-1
21702	hsa-miR-219-1-3p	1	MI0000296	hsa-mir-219-1
42509	hsa-miR-219-5p	2	MI0000740	hsa-mir-219-2
42834	hsa-miR-219-2-3p	1	MI0000740	hsa-mir-219-2
11020	hsa-miR-22	1	MI0000078	hsa-mir-22
42532	hsa-miR-22*	1	MI0000078	hsa-mir-22
11022	hsa-miR-221	1	MI0000298	hsa-mir-221
42475	hsa-miR-221*	1	MI0000298	hsa-mir-221
11023	hsa-miR-222	1	MI0000299	hsa-mir-222
17918	hsa-miR-222*	1	MI0000299	hsa-mir-222
42460	hsa-miR-223*	1	MI0000300	hsa-mir-223
11024	hsa-miR-223	1	MI0000300	hsa-mir-223
42566	hsa-miR-224	1	MI0000301	hsa-mir-224
146163	hsa-miR-224*	1	MI0000301	hsa-mir-224
46875	hsa-miR-2276	1	MI0011282	hsa-mir-2276
146025	hsa-miR-2277	1	MI0011284	hsa-mir-2277
46751	hsa-miR-2278	1	MI0011285	hsa-mir-2278
46827	hsa-miRPlus-F1197	1	MI0015873	hsa-mir-2355
42638	hsa-miR-23a*	1	MI0000079	hsa-mir-23a
42744	hsa-miR-23a	1	MI0000079	hsa-mir-23a
145751	hsa-miR-23b*	1	MI0000439	hsa-mir-23b
145841	hsa-miR-23b	1	MI0000439	hsa-mir-23b
17506	hsa-miR-24	2	MI0000080	hsa-mir-24-1
146043	hsa-miR-24-1*	1	MI0000080	hsa-mir-24-1
17506	hsa-miR-24	2	MI0000081	hsa-mir-24-2
42950	hsa-miR-24-2*	1	MI0000081	hsa-mir-24-2
42929	hsa-miR-25*	1	MI0000082	hsa-mir-25
42682	hsa-miR-25	1	MI0000082	hsa-mir-25
11030	hsa-miR-26a	2	MI0000083	hsa-mir-26a-1
42628	hsa-miR-26a-1*	1	MI0000083	hsa-mir-26a-1

11030	hsa-miR-26a	2	MI0000750	hsa-mir-26a-2
42666	hsa-miR-26a-2*	1	MI0000750	hsa-mir-26a-2
42523	hsa-miR-26b*	1	MI0000084	hsa-mir-26b
146008	hsa-miR-26b	1	MI0000084	hsa-mir-26b
17818	hsa-miR-27a*	1	MI0000085	hsa-mir-27a
46483	hsa-miR-27a	1	MI0000085	hsa-mir-27a
42823	hsa-miR-27b*	1	MI0000440	hsa-mir-27b
145944	hsa-miR-27b	1	MI0000440	hsa-mir-27b
145714	hsa-miR-28-3p	1	MI0000086	hsa-mir-28
42831	blank	1	MI0000086	hsa-mir-28
146049	hsa-miR-28-5p	1	MI0000086	hsa-mir-28
146100	hsa-miR-296-5p	1	MI0000747	hsa-mir-296
42528	hsa-miR-296-3p	1	MI0000747	hsa-mir-296
6880	hsa-miR-297	1	MI0005775	hsa-mir-297
46264	hsa-miR-298	1	MI0005523	hsa-mir-298
11037	hsa-miR-299-3p	1	MI0000744	hsa-mir-299
11038	hsa-miR-299-5p	1	MI0000744	hsa-mir-299
145638	hsa-miR-29a*	1	MI0000087	hsa-mir-29a
11039	hsa-miR-29a	1	MI0000087	hsa-mir-29a
11040	hsa-miR-29b	2	MI0000105	hsa-mir-29b-1
42479	blank	1	MI0000105	hsa-mir-29b-1
17810	hsa-miR-29b-1*	1	MI0000105	hsa-mir-29b-1
11040	hsa-miR-29b	2	MI0000107	hsa-mir-29b-2
42792	hsa-miR-29b-2*	1	MI0000107	hsa-mir-29b-2
14300	hsa-miR-29c*	1	MI0000735	hsa-mir-29c
11041	hsa-miR-29c	1	MI0000735	hsa-mir-29c
42513	hsa-miR-300	1	MI0005525	hsa-mir-300
145947	hsa-miRPlus-C1075	1	MI0000745	hsa-mir-301a
13143	hsa-miR-301a	1	MI0000745	hsa-mir-301a
17886	hsa-miR-301b	1	MI0005568	hsa-mir-301b
145639	hsa-miR-302a	1	MI0000738	hsa-mir-302a
42541	hsa-miR-302a*	1	MI0000738	hsa-mir-302a
42667	hsa-miR-302b*	1	MI0000772	hsa-mir-302b
11043	hsa-miR-302b	1	MI0000772	hsa-mir-302b
11044	hsa-miR-302c	1	MI0000773	hsa-mir-302c
11045	hsa-miR-302c*	1	MI0000773	hsa-mir-302c
46729	hsa-miR-302d*	1	MI0000774	hsa-mir-302d
27838	hsa-miR-302d	1	MI0000774	hsa-mir-302d
45764	hsa-miR-302e	1	MI0006417	hsa-mir-302e
45745	hsa-miR-302f	1	MI0006418	hsa-mir-302f
19595	hsa-miR-30a*	1	MI0000088	hsa-mir-30a
146086	hsa-miR-30a	1	MI0000088	hsa-mir-30a
46356	hsa-miR-30b*	1	MI0000441	hsa-mir-30b
146112	hsa-miR-30b	1	MI0000441	hsa-mir-30b
42923	hsa-miR-30c	2	MI0000736	hsa-mir-30c-1
42702	hsa-miR-30c-1*	1	MI0000736	hsa-mir-30c-1
42923	hsa-miR-30c	2	MI0000254	hsa-mir-30c-2
46626	hsa-miR-30c-2*	1	MI0000254	hsa-mir-30c-2
19596	hsa-miR-30d	1	MI0000255	hsa-mir-30d
17853	hsa-miR-30d*	1	MI0000255	hsa-mir-30d
28191	hsa-miR-30e	1	MI0000749	hsa-mir-30e
145676	hsa-miR-30e*	1	MI0000749	hsa-mir-30e

11052	hsa-miR-31	1	MI0000089	hsa-mir-31
46320	hsa-miR-31*	1	MI0000089	hsa-mir-31
146066	hsa-miR-3116	2	MI0014128	hsa-mir-3116-1
146066	hsa-miR-3116	2	MI0014129	hsa-mir-3116-2
146005	hsa-miR-3129	1	MI0014146	hsa-mir-3129
146101	blank	1	MI0014146	hsa-mir-3129
46863	hsa-miRPlus-F1246	1	MI0014185	hsa-mir-3157
46710	hsa-miR-3157	1	MI0014185	hsa-mir-3157
146110	hsa-miR-3164	1	MI0014194	hsa-mir-3164
146085	hsa-miR-3170	1	MI0014201	hsa-mir-3170
146093	hsa-miRPlus-G1093	1	MI0014209	hsa-mir-3175
46567	hsa-miR-3176	1	MI0014210	hsa-mir-3176
146152	hsa-miR-3179	3	MI0014213	hsa-mir-3179-1
146152	hsa-miR-3179	3	MI0014216	hsa-mir-3179-2
146152	hsa-miR-3179	3	MI0014221	hsa-mir-3179-3
46274	hsa-miR-3187	1	MI0014231	hsa-mir-3187
11053	hsa-miR-32	1	MI0000090	hsa-mir-32
29575	hsa-miR-32*	1	MI0000090	hsa-mir-32
146158	hsa-miR-3202	2	MI0014252	hsa-mir-3202-1
146158	hsa-miR-3202	2	MI0014253	hsa-mir-3202-2
27533	hsa-miR-320a	1	MI0000542	hsa-mir-320a
46324	hsa-miR-320b	2	MI0003776	hsa-mir-320b-1
46324	hsa-miR-320b	2	MI0003839	hsa-mir-320b-2
46228	hsa-miR-320c	2	MI0003778	hsa-mir-320c-1
46228	hsa-miR-320c	2	MI0008191	hsa-mir-320c-2
46870	hsa-miR-320d	2	MI0008190	hsa-mir-320d-1
46870	hsa-miR-320d	2	MI0008192	hsa-mir-320d-2
42457	hsa-miR-323-5p	1	MI0000807	hsa-mir-323
42957	hsa-miR-323-3p	1	MI0000807	hsa-mir-323
42672	hsa-miR-323b-5p	1	MI0014206	hsa-mir-323b
145708	hsa-miR-324-3p	1	MI0000813	hsa-mir-324
42477	hsa-miR-324-5p	1	MI0000813	hsa-mir-324
42719	blank	1	MI0000813	hsa-mir-324
11058	hsa-miR-325	1	MI0000824	hsa-mir-325
42838	hsa-miRPlus-C1076	1	MI0000808	hsa-mir-326
42693	hsa-miR-326	1	MI0000808	hsa-mir-326
145640	hsa-miR-328	1	MI0000804	hsa-mir-328
11061	hsa-miR-329	2	MI0001725	hsa-mir-329-1
11061	hsa-miR-329	2	MI0001726	hsa-mir-329-2
145843	hsa-miR-330-5p	1	MI0000803	hsa-mir-330
11063	hsa-miR-330-3p	1	MI0000803	hsa-mir-330
17866	hsa-miR-331-5p	1	MI0000812	hsa-mir-331
42887	hsa-miR-331-3p	1	MI0000812	hsa-mir-331
145745	hsa-miR-335*	1	MI0000816	hsa-mir-335
11065	hsa-miR-335	1	MI0000816	hsa-mir-335
42673	hsa-miR-337-3p	1	MI0000806	hsa-mir-337
11066	blank	1	MI0000806	hsa-mir-337
17944	hsa-miR-337-5p	1	MI0000806	hsa-mir-337
42592	hsa-miR-338-3p	1	MI0000814	hsa-mir-338
17825	hsa-miR-338-5p	1	MI0000814	hsa-mir-338
42912	hsa-miR-339-3p	1	MI0000815	hsa-mir-339
42739	hsa-miR-339-5p	1	MI0000815	hsa-mir-339

145859	hsa-miR-33a	1	MI0000091	hsa-mir-33a
145757	hsa-miR-33a*	1	MI0000091	hsa-mir-33a
145950	hsa-miR-33b	1	MI0003646	hsa-mir-33b
145734	hsa-miR-33b*	1	MI0003646	hsa-mir-33b
42738	hsa-miR-340*	1	MI0000802	hsa-mir-340
29872	hsa-miR-340	1	MI0000802	hsa-mir-340
32884	hsa-miR-342-3p	1	MI0000805	hsa-mir-342
42576	hsa-miR-342-5p	1	MI0000805	hsa-mir-342
42934	hsa-miR-345	1	MI0000825	hsa-mir-345
145732	hsa-miR-346	1	MI0000826	hsa-mir-346
46299	hsa-miR-34a*	1	MI0000268	hsa-mir-34a
27217	hsa-miR-34a	1	MI0000268	hsa-mir-34a
11073	hsa-miR-34b*	1	MI0000742	hsa-mir-34b
42724	hsa-miR-34b	1	MI0000742	hsa-mir-34b
11074	hsa-miR-34c-5p	1	MI0000743	hsa-mir-34c
42729	hsa-miR-34c-3p	1	MI0000743	hsa-mir-34c
145935	hsa-miRPlus-E1232	1	MI0015995	hsa-mir-3605
14301	hsa-miR-361-5p	1	MI0000760	hsa-mir-361
145865	hsa-miR-361-3p	1	MI0000760	hsa-mir-361
42503	hsa-miR-362-5p	1	MI0000762	hsa-mir-362
14279	blank	1	MI0000762	hsa-mir-362
17893	hsa-miR-362-3p	1	MI0000762	hsa-mir-362
11077	hsa-miR-363	1	MI0000764	hsa-mir-363
27544	hsa-miR-363*	1	MI0000764	hsa-mir-363
46263	hsa-miRPlus-E1236	1	MI0016048	hsa-mir-3648
11078	hsa-miR-365	2	MI0000767	hsa-mir-365-1
11078	hsa-miR-365	2	MI0000769	hsa-mir-365-2
146029	hsa-miR-365*	1	MI0000769	hsa-mir-365-2
145697	hsa-miR-367*	1	MI0000775	hsa-mir-367
14280	hsa-miR-367	1	MI0000775	hsa-mir-367
145641	hsa-miR-369-5p	1	MI0000777	hsa-mir-369
29529	hsa-miR-369-3p	1	MI0000777	hsa-mir-369
42967	hsa-miR-370	1	MI0000778	hsa-mir-370
145769	hsa-miR-371-5p	1	MI0000779	hsa-mir-371
11083	hsa-miR-371-3p	1	MI0000779	hsa-mir-371
11084	hsa-miR-372	1	MI0000780	hsa-mir-372
17892	hsa-miRPlus-C1087	1	MI0000780	hsa-mir-372
11085	hsa-miR-373	1	MI0000781	hsa-mir-373
27545	hsa-miR-373*	1	MI0000781	hsa-mir-373
145844	hsa-miR-374a	1	MI0000782	hsa-mir-374a
29577	hsa-miR-374a*	1	MI0000782	hsa-mir-374a
14302	hsa-miR-374b	2	MI0005566	hsa-mir-374b
42476	hsa-miR-374b*	1	MI0005566	hsa-mir-374b
14302	hsa-miR-374b	2	MI0016684	hsa-mir-374c
46918	hsa-miR-375	1	MI0000783	hsa-mir-375
146009	hsa-miR-376a	2	MI0000784	hsa-mir-376a-1
42885	hsa-miR-376a*	1	MI0000784	hsa-mir-376a-1
14268	blank	1	MI0000784	hsa-mir-376a-1
146009	hsa-miR-376a	2	MI0003529	hsa-mir-376a-2
42453	blank	2	MI0002466	hsa-mir-376b
145642	hsa-miR-376b	1	MI0002466	hsa-mir-376b
42453	blank	2	MI0000776	hsa-mir-376c

42629	hsa-miR-376c	1	MI0000776	hsa-mir-376c
11091	hsa-miR-377	1	MI0000785	hsa-mir-377
42899	hsa-miR-377*	1	MI0000785	hsa-mir-377
11105	hsa-miR-378/hsa-m	4	MI0000786	hsa-mir-378
11092	hsa-miR-378*	1	MI0000786	hsa-mir-378
11105	hsa-miR-378/hsa-m	4	MI0015825	hsa-mir-378c
11105	hsa-miR-378/hsa-m	4	MI0016749	hsa-mir-378d-1
11105	hsa-miR-378/hsa-m	4	MI0003840	hsa-mir-378d-2
11093	hsa-miR-379	1	MI0000787	hsa-mir-379
42889	hsa-miR-379*	1	MI0000787	hsa-mir-379
27546	hsa-miR-380	1	MI0000788	hsa-mir-380
28161	blank	1	MI0000788	hsa-mir-380
13170	hsa-miR-380*	1	MI0000788	hsa-mir-380
145832	hsa-miR-381	1	MI0000789	hsa-mir-381
17932	hsa-miRPlus-C1089	1	MI0000789	hsa-mir-381
46338	blank	1	MI0000790	hsa-mir-382
145643	hsa-miR-382	1	MI0000790	hsa-mir-382
14307	blank	1	MI0000790	hsa-mir-382
146024	hsa-miR-383	1	MI0000791	hsa-mir-383
145687	hsa-miR-384	1	MI0001145	hsa-mir-384
46472	hsa-miRPlus-F1011	1	MI0016424	hsa-mir-3918
146190	blank	1	MI0016435	hsa-mir-3927
46762	hsa-miRPlus-F1252	1	MI0016438	hsa-mir-3928
46716	hsa-miRPlus-F1186	1	MI0016438	hsa-mir-3928
46736	hsa-miRPlus-F1015	1	MI0016600	hsa-mir-3943
11240	blank	1	MI0001735	hsa-mir-409
145644	hsa-miR-409-3p	1	MI0001735	hsa-mir-409
42448	blank	1	MI0001735	hsa-mir-409
42925	hsa-miR-409-5p	1	MI0001735	hsa-mir-409
11102	hsa-miR-410	1	MI0002465	hsa-mir-410
42784	hsa-miR-411*	1	MI0003675	hsa-mir-411
17482	hsa-miR-411	1	MI0003675	hsa-mir-411
42764	hsa-miR-412	1	MI0002464	hsa-mir-412
17474	hsa-miR-421	1	MI0003685	hsa-mir-421
11274	blank	1	MI0003685	hsa-mir-421
11104	hsa-miR-422a	1	MI0001444	hsa-mir-422a
27565	hsa-miR-423-5p	1	MI0001445	hsa-mir-423
42730	hsa-miR-423-3p	1	MI0001445	hsa-mir-423
42965	hsa-miR-424	1	MI0001446	hsa-mir-424
42603	hsa-miR-424*	1	MI0001446	hsa-mir-424
17608	hsa-miR-425	1	MI0001448	hsa-mir-425
11108	hsa-miR-425*	1	MI0001448	hsa-mir-425
13171	hsa-miR-429	1	MI0001641	hsa-mir-429
42674	hsa-miR-431*	1	MI0001721	hsa-mir-431
145705	hsa-miR-431	1	MI0001721	hsa-mir-431
42584	hsa-miR-432*	1	MI0003133	hsa-mir-432
11111	hsa-miR-432	1	MI0003133	hsa-mir-432
42853	hsa-miR-433	1	MI0001723	hsa-mir-433
11245	blank	1	MI0001723	hsa-mir-433
46743	hsa-miRPlus-F1179	1	MI0016783	hsa-mir-4440
46585	hsa-miRPlus-F1033	1	MI0016821	hsa-mir-4470
11113	hsa-miR-448	1	MI0001637	hsa-mir-448

46808	hsa-miRPlus-E1028	1	MI0016846	hsa-mir-4485
145946	hsa-miR-449a	1	MI0001648	hsa-mir-449a
146127	hsa-miR-449b*	1	MI0003673	hsa-mir-449b
46249	blank	1	MI0003673	hsa-mir-449b
33668	hsa-miR-449b	1	MI0003673	hsa-mir-449b
146020	hsa-miR-449c*	1	MI0003823	hsa-mir-449c
146151	hsa-miR-449c	1	MI0003823	hsa-mir-449c
17835	blank	2	MI0001652	hsa-mir-450a-1
18847	hsa-miR-450a	2	MI0001652	hsa-mir-450a-1
17835	blank	2	MI0003187	hsa-mir-450a-2
18847	hsa-miR-450a	2	MI0003187	hsa-mir-450a-2
42896	hsa-miR-450b-5p	1	MI0005531	hsa-mir-450b
42892	hsa-miR-450b-3p	1	MI0005531	hsa-mir-450b
42866	hsa-miR-451	1	MI0001729	hsa-mir-451
42598	hsa-miR-452*	1	MI0001733	hsa-mir-452
29379	hsa-miR-452	1	MI0001733	hsa-mir-452
46879	blank	1	MI0001733	hsa-mir-452
146104	blank	1	MI0016891	hsa-mir-4524
28520	hsa-miR-454*	1	MI0003820	hsa-mir-454
145720	hsa-miR-454	1	MI0003820	hsa-mir-454
28950	hsa-miR-455-3p	1	MI0003513	hsa-mir-455
13179	hsa-miR-455-5p	1	MI0003513	hsa-mir-455
46731	hsa-miRPlus-F1017	1	MI0017285	hsa-mir-4657
46678	hsa-miRPlus-F1077	1	MI0017330	hsa-mir-4697
146124	blank	1	MI0017443	hsa-mir-4796
42654	hsa-miR-483-5p	1	MI0002467	hsa-mir-483
146076	hsa-miR-483-3p	1	MI0002467	hsa-mir-483
145753	hsa-miR-484	1	MI0002468	hsa-mir-484
42480	hsa-miR-485-5p	1	MI0002469	hsa-mir-485
42694	hsa-miR-485-3p	1	MI0002469	hsa-mir-485
32946	hsa-miR-486-5p	1	MI0002470	hsa-mir-486
42946	hsa-miR-486-3p	1	MI0002470	hsa-mir-486
13183	hsa-miR-487a	1	MI0002471	hsa-mir-487a
14285	hsa-miR-487b	1	MI0003530	hsa-mir-487b
42704	hsa-miR-488	1	MI0003123	hsa-mir-488
145756	hsa-miR-488*	1	MI0003123	hsa-mir-488
11121	hsa-miR-489	1	MI0003124	hsa-mir-489
42703	hsa-miR-490-3p	1	MI0003125	hsa-mir-490
17822	hsa-miR-490-5p	1	MI0003125	hsa-mir-490
11123	hsa-miR-491-5p	1	MI0003126	hsa-mir-491
17927	hsa-miR-491-3p	1	MI0003126	hsa-mir-491
145928	blank	1	MI0003126	hsa-mir-491
42661	hsa-miR-492	1	MI0003131	hsa-mir-492
11125	hsa-miR-493*	1	MI0003132	hsa-mir-493
14270	hsa-miR-493	1	MI0003132	hsa-mir-493
42540	blank	1	MI0003134	hsa-mir-494
145901	hsa-miR-494	1	MI0003134	hsa-mir-494
42676	hsa-miR-495	1	MI0003135	hsa-mir-495
145698	hsa-miR-496	1	MI0003136	hsa-mir-496
42847	hsa-miR-497	1	MI0003138	hsa-mir-497
42558	hsa-miR-497*	1	MI0003138	hsa-mir-497
42442	hsa-miR-498	1	MI0003142	hsa-mir-498

14313	hsa-miR-499-5p	1	MI0003183	hsa-mir-499
145692	hsa-miR-499-3p	1	MI0003183	hsa-mir-499
17875	hsa-miR-500	2	MI0003184	hsa-mir-500a
46406	hsa-miR-500*	1	MI0003184	hsa-mir-500a
17875	hsa-miR-500	2	MI0015903	hsa-mir-500b
145675	hsa-miR-501-5p	1	MI0003185	hsa-mir-501
145727	blank	1	MI0003185	hsa-mir-501
42578	hsa-miR-501-3p	1	MI0003185	hsa-mir-501
146178	hsa-miR-502-3p	1	MI0003186	hsa-mir-502
11134	hsa-miR-502-5p	1	MI0003186	hsa-mir-502
46803	hsa-miR-503	1	MI0003188	hsa-mir-503
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28480	hsa-miR-504	1	MI0003189	hsa-mir-504
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11138	hsa-miR-506	1	MI0003193	hsa-mir-506
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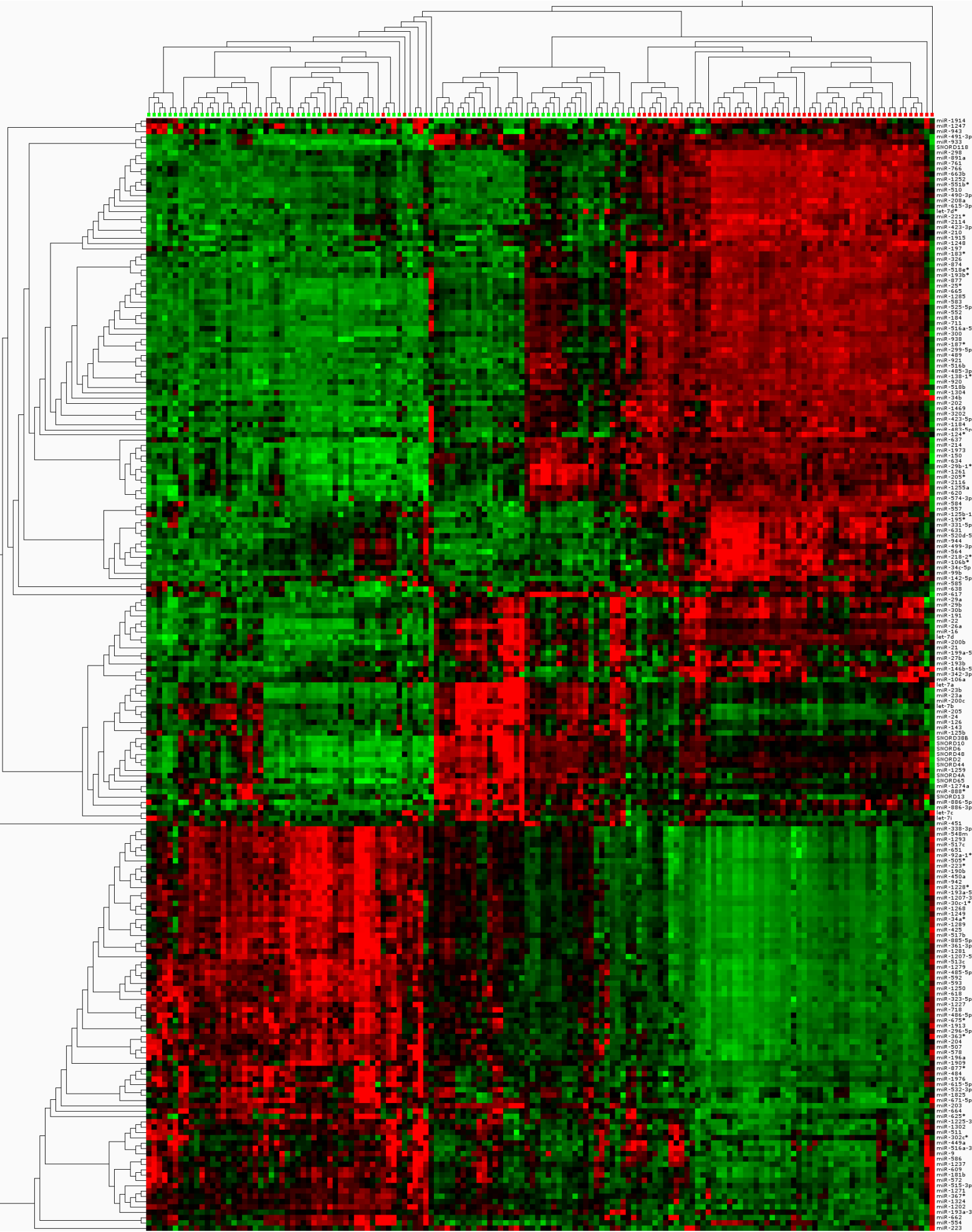
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42827	hsa-miR-652	1	MI0003667	hsa-mir-652
42607	hsa-miR-653	1	MI0003674	hsa-mir-653
21498	hsa-miR-654-3p	1	MI0003676	hsa-mir-654

42843	hsa-miR-654-5p	1	MI0003676	hsa-mir-654
145696	hsa-miR-655	1	MI0003677	hsa-mir-655
29736	hsa-miR-656	1	MI0003678	hsa-mir-656
17460	hsa-miR-657	1	MI0003681	hsa-mir-657
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42535	hsa-miR-661	1	MI0003669	hsa-mir-661
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46829	hsa-miR-664*	1	MI0006442	hsa-mir-664
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145701	hsa-miR-668	1	MI0003761	hsa-mir-668
146006	hsa-miR-670	1	MI0003933	hsa-mir-670
42525	hsa-miR-671-3p	1	MI0003760	hsa-mir-671
145716	hsa-miR-671-5p	1	MI0003760	hsa-mir-671
42761	hsa-miR-675	1	MI0005416	hsa-mir-675
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46452	hsa-miRPlus-F1057	1	MI0016436	hsa-mir-676
29490	hsa-miR-7	3	MI0000263	hsa-mir-7-1
11277	hsa-miR-7-1*	1	MI0000263	hsa-mir-7-1
29490	hsa-miR-7	3	MI0000264	hsa-mir-7-2
42964	hsa-miR-7-2*	1	MI0000264	hsa-mir-7-2
29490	hsa-miR-7	3	MI0000265	hsa-mir-7-3
17347	hsa-miR-708*	1	MI0005543	hsa-mir-708
29190	hsa-miR-708	1	MI0005543	hsa-mir-708
146196	hsa-miR-711	1	MI0012488	hsa-mir-711
146064	hsa-miR-718	1	MI0012489	hsa-mir-718
42751	hsa-miR-720	1	MI0006654	hsa-mir-720
42970	hsa-miR-744*	1	MI0005559	hsa-mir-744
27568	hsa-miR-744	1	MI0005559	hsa-mir-744
46273	hsa-miRPlus-F1166	1	MI0003757	hsa-mir-758
28759	hsa-miR-758	1	MI0003757	hsa-mir-758
23767	hsa-miR-759	1	MI0004065	hsa-mir-759
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32608	hsa-miR-761	1	MI0003941	hsa-mir-761
146107	hsa-miR-762	1	MI0003892	hsa-mir-762
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145805	hsa-miR-765	1	MI0005116	hsa-mir-765
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145847	hsa-miR-766	1	MI0003836	hsa-mir-766
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32891	hsa-miR-769-5p	1	MI0003834	hsa-mir-769
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42492	hsa-miRPlus-A1031	1	MI0005118	hsa-mir-770
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30442	hsa-miR-802	1	MI0003906	hsa-mir-802

17917	hsa-miR-873	1	MI0005564	hsa-mir-873
42808	hsa-miR-874	1	MI0005532	hsa-mir-874
145721	hsa-miR-875-5p	1	MI0005541	hsa-mir-875
17817	hsa-miR-875-3p	1	MI0005541	hsa-mir-875
28884	hsa-miR-876-3p	1	MI0005542	hsa-mir-876
42940	hsa-miR-876-5p	1	MI0005542	hsa-mir-876
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42771	hsa-miR-877*	1	MI0005561	hsa-mir-877
46259	hsa-miR-885-5p	1	MI0005560	hsa-mir-885
42633	hsa-miR-885-3p	1	MI0005560	hsa-mir-885
145724	hsa-miR-887	1	MI0005562	hsa-mir-887
42825	hsa-miR-888*	1	MI0005537	hsa-mir-888
28889	hsa-miR-888	1	MI0005537	hsa-mir-888
42556	hsa-miR-889	1	MI0005540	hsa-mir-889
28047	hsa-miR-890	1	MI0005533	hsa-mir-890
27961	hsa-miR-891a	1	MI0005524	hsa-mir-891a
21501	hsa-miR-891b	1	MI0005534	hsa-mir-891b
42858	hsa-miR-892a	1	MI0005528	hsa-mir-892a
42493	hsa-miR-892b	1	MI0005538	hsa-mir-892b
29852	hsa-miR-9*	3	MI0000466	hsa-mir-9-1
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29852	hsa-miR-9*	3	MI0000467	hsa-mir-9-2
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29852	hsa-miR-9*	3	MI0000468	hsa-mir-9-3
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42932	hsa-miR-920	1	MI0005712	hsa-mir-920
46507	hsa-miR-921	1	MI0005713	hsa-mir-921
42683	hsa-miR-922	1	MI0005714	hsa-mir-922
42788	hsa-miR-924	1	MI0005716	hsa-mir-924
42728	blank	2	MI0000093	hsa-mir-92a-1
145693	hsa-miR-92a	2	MI0000093	hsa-mir-92a-1
42926	hsa-miR-92a-1*	1	MI0000093	hsa-mir-92a-1
42728	blank	2	MI0000094	hsa-mir-92a-2
145693	hsa-miR-92a	2	MI0000094	hsa-mir-92a-2
42801	hsa-miR-92a-2*	1	MI0000094	hsa-mir-92a-2
145884	blank	1	MI0003560	hsa-mir-92b
42717	hsa-miR-92b*	1	MI0003560	hsa-mir-92b
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30687	hsa-miR-93	1	MI0000095	hsa-mir-93
42747	hsa-miR-93*	1	MI0000095	hsa-mir-93
42539	hsa-miR-933	1	MI0005755	hsa-mir-933
17863	hsa-miR-934	1	MI0005756	hsa-mir-934
145742	hsa-miR-935	1	MI0005757	hsa-mir-935
42869	hsa-miR-936	1	MI0005758	hsa-mir-936
42514	hsa-miR-937	1	MI0005759	hsa-mir-937
42776	hsa-miR-938	1	MI0005760	hsa-mir-938
46296	hsa-miRPlus-F1036	1	MI0005761	hsa-mir-939
145980	hsa-miR-939	1	MI0005761	hsa-mir-939
146115	hsa-miR-940	1	MI0005762	hsa-mir-940

42814	hsa-miR-941	4	MI0005763	hsa-mir-941-1
42814	hsa-miR-941	4	MI0005764	hsa-mir-941-2
42814	hsa-miR-941	4	MI0005765	hsa-mir-941-3
42814	hsa-miR-941	4	MI0005766	hsa-mir-941-4
42608	hsa-miR-942	1	MI0005767	hsa-mir-942
42696	hsa-miR-943	1	MI0005768	hsa-mir-943
42873	hsa-miR-944	1	MI0005769	hsa-mir-944
11181	hsa-miR-95	1	MI0000097	hsa-mir-95
13147	hsa-miR-96	1	MI0000098	hsa-mir-96
42971	hsa-miR-96*	1	MI0000098	hsa-mir-96
11182	hsa-miR-98	1	MI0000100	hsa-mir-98
145651	hsa-miR-99a*	1	MI0000101	hsa-mir-99a
42708	hsa-miR-99a	1	MI0000101	hsa-mir-99a
11184	hsa-miR-99b	1	MI0000746	hsa-mir-99b
17898	hsa-miR-99b*	1	MI0000746	hsa-mir-99b

Figure S1



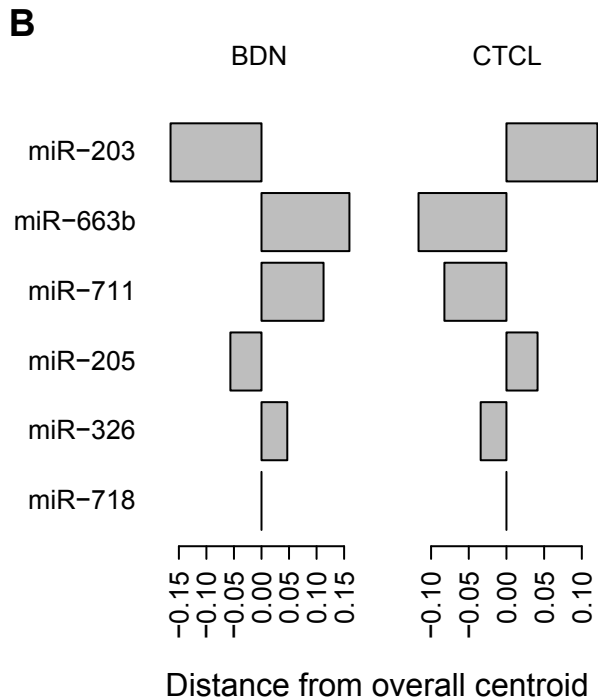
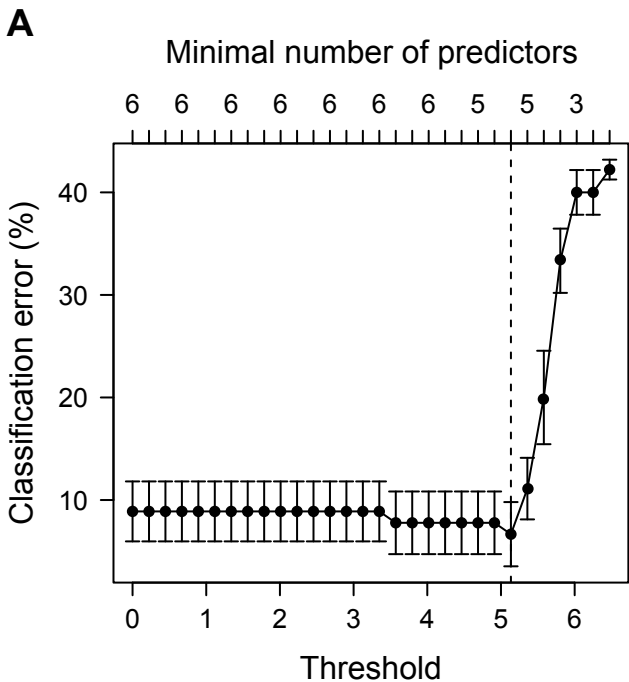


Figure S2

Figure S3

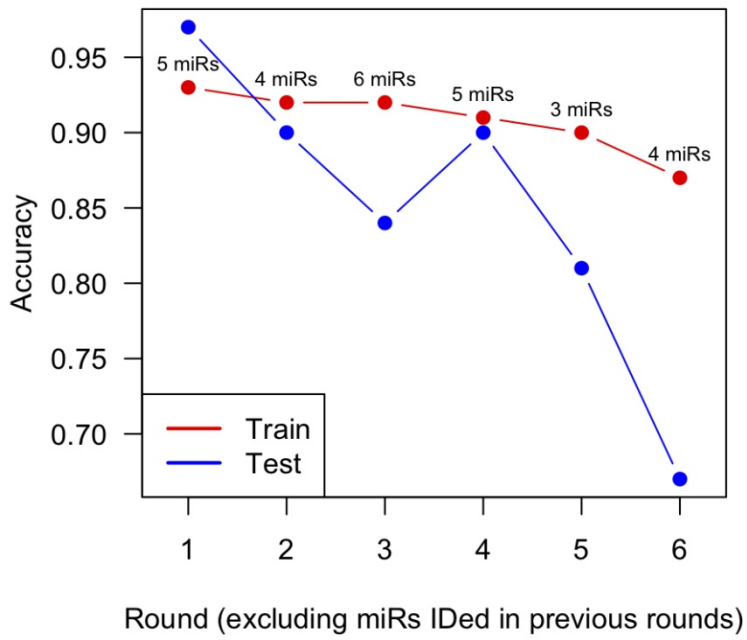
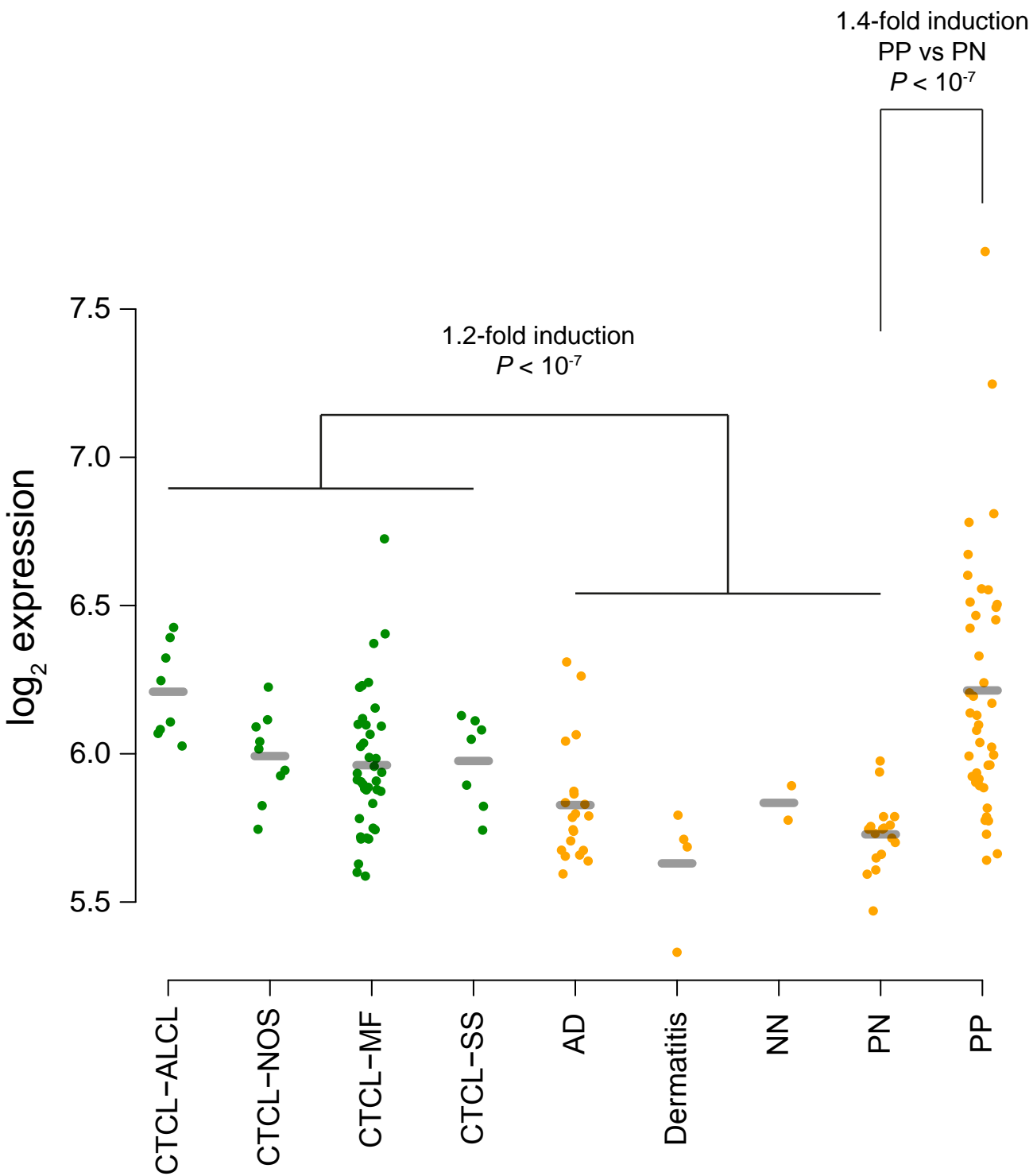


Figure S4



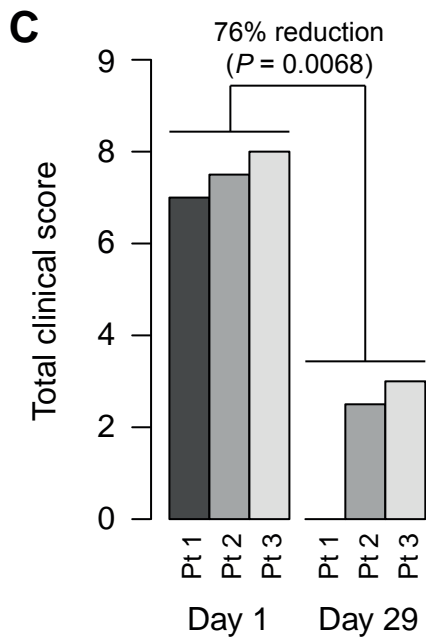
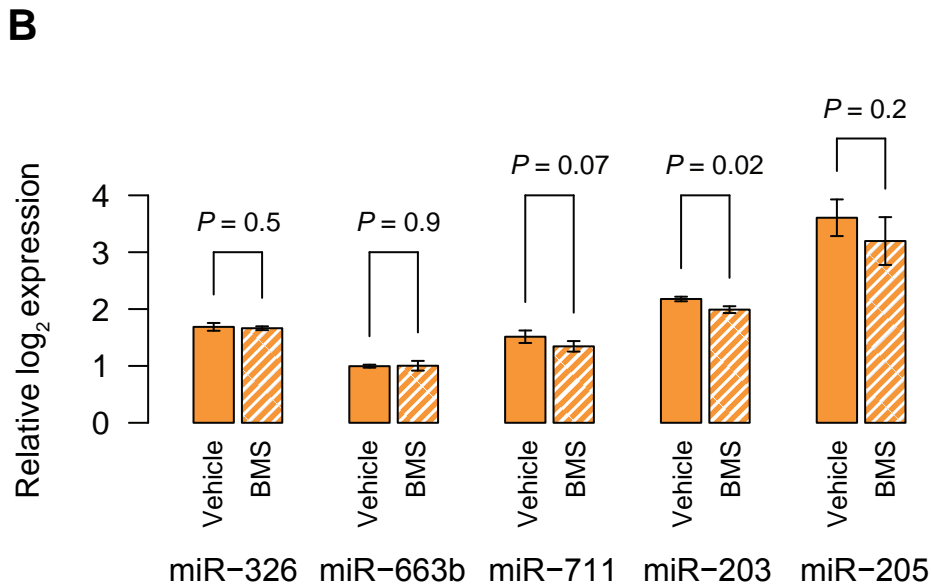
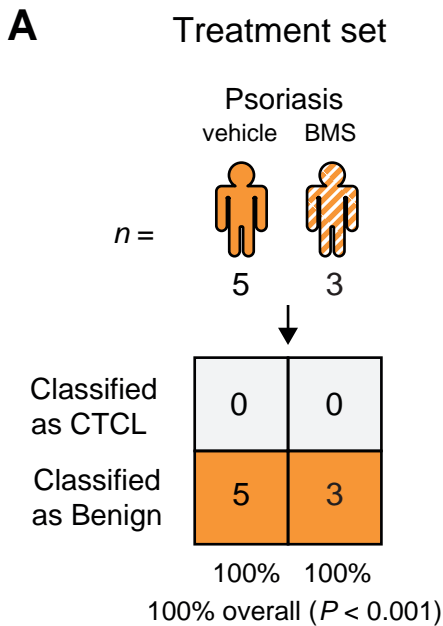


Figure S6

miR-711

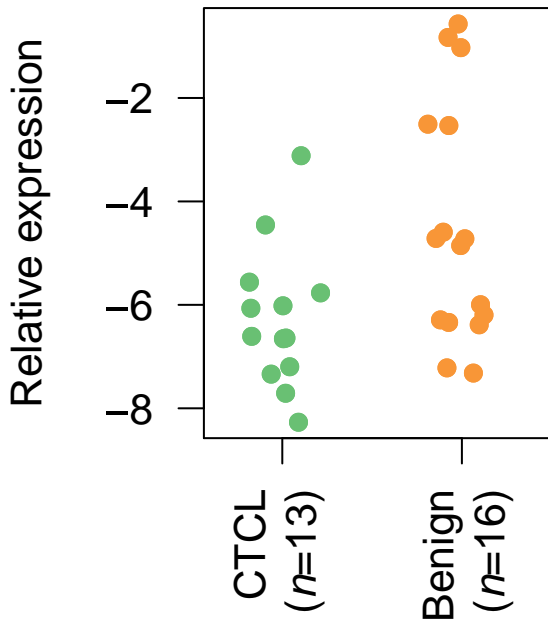


Figure S7

