

SUPPLEMENTARY MATERIAL

Supplemental Table S1.

Supplemental Table S2.

Supplemental Table S3.

Supplemental Table S4.

References.

SUPPLEMENTAL TABLE S1

	young donors								FC y8-y4
	088_4	089_4	092_4	average	088_8	089_8	092_8	average	
hsa-let-7a-3p	2.719873	2.794604	2.734603	2.749694	2.582188	2.622401	2.5322	2.57893	-0.17076
hsa-let-7a-5p	13.35864	13.49498	12.98383	13.27915	13.23577	13.42483	13.38644	13.34901	0.069862
hsa-let-7b-5p	12.44941	12.66935	11.86678	12.32851	12.16468	11.98154	12.10075	12.08232	-0.24619
hsa-let-7c	10.68915	11.01742	10.22097	10.64251	10.11127	9.914012	9.978104	10.00113	-0.64139
hsa-let-7d-5p	9.610066	9.651263	9.047516	9.436282	8.961107	8.905614	8.785871	8.884197	-0.55208
hsa-let-7e-5p	10.90923	11.48309	10.2392	10.87717	10.18749	10.19599	10.24125	10.20825	-0.66893
hsa-let-7f-5p	12.38744	12.49563	12.10414	12.32907	12.33916	12.38648	12.30713	12.34426	0.015186
hsa-let-7g-5p	10.08846	9.75215	9.848763	9.896457	9.788175	9.581752	9.589349	9.653092	-0.24336
hsa-let-7i-5p	12.14966	12.00919	11.58952	11.91612	11.84798	12.41336	12.15545	12.13893	0.222804
hsa-miR-100-5p	10.86835	10.62857	11.38819	10.96171	11.21258	10.33574	11.53199	11.02677	0.065064
hsa-miR-101-3p	3.83795	3.05521	5.105951	3.999807	5.502548	5.690154	5.778991	5.657231	1.657424
hsa-miR-103a-3p	9.450783	8.993987	9.021307	9.155359	9.271976	8.974103	8.914099	9.053393	-0.10197
hsa-miR-106b-5p	6.610698	5.513167	7.352613	6.492159	6.81402	6.264309	6.401832	6.493387	0.001228
hsa-miR-107	9.209377	8.77902	8.797662	8.928686	9.017126	8.769342	8.723219	8.836563	-0.09212
hsa-miR-10a-5p	7.484381	7.432793	6.801754	7.239643	6.698161	6.628262	6.60428	6.643568	-0.59607
hsa-miR-10b-5p	8.013657	7.619377	7.82982	7.820951	8.077329	7.381368	7.808486	7.755728	-0.06522
hsa-miR-1181	4.843	4.936079	5.324407	5.034495	6.817115	8.82298	7.703712	7.781269	2.746773
hsa-miR-1185-5p	3.428738	3.038093	3.576304	3.347712	3.308842	3.157959	3.629475	3.365425	0.017714
hsa-miR-1202	6.482164	6.792547	6.428911	6.567874	7.036783	8.200518	7.076328	7.437876	0.870002
hsa-miR-1207-5p	7.441455	8.166368	7.062725	7.556849	8.528224	9.066957	8.604778	8.73332	1.17647
hsa-miR-1224-5p	3.316422	3.805809	3.402086	3.508106	4.734677	6.751582	4.719517	5.401925	1.89382
hsa-miR-1225-3p	3.811035	3.805511	3.506099	3.707548	3.758772	4.164468	4.029093	3.984111	0.276562
hsa-miR-1225-5p	6.524754	7.026751	6.765203	6.772236	8.01558	8.366155	8.039599	8.140445	1.368209
hsa-miR-1226-5p	3.073904	3.26355	3.129731	3.155729	3.720683	4.068035	3.829806	3.872841	0.717113
hsa-miR-1228-3p	4.400351	4.757446	4.012475	4.39009	3.885241	3.910587	4.0431	3.946309	-0.44378
hsa-miR-1234	4.709192	5.066425	4.459963	4.745193	5.132461	5.630401	5.565671	5.442844	0.697651
hsa-miR-1238	3.899974	4.081734	3.596658	3.859455	3.337047	3.169428	3.532399	3.346292	-0.51316
hsa-miR-1246	3.876834	4.572971	4.892776	4.447527	4.941403	4.047918	4.887583	4.625635	0.178108
hsa-miR-1249	3.062211	2.919283	2.993437	2.991644	3.46116	3.519028	3.399624	3.459937	0.468293
hsa-miR-125a-3p	3.847501	4.050795	4.011333	3.969877	4.430015	5.047241	4.479029	4.652095	0.682218
hsa-miR-125a-5p	8.72031	8.748311	8.132964	8.533862	7.691574	7.529307	7.767463	7.662781	-0.87108
hsa-miR-125b-5p	12.91385	12.48518	12.49236	12.63047	12.73421	12.53148	12.51296	12.59288	-0.03758
hsa-miR-1260a	10.29527	10.15716	10.3566	10.26968	9.890952	9.074798	9.474214	9.479988	-0.78969
hsa-miR-1260b	9.970619	9.871723	9.923272	9.921871	9.522614	8.544926	9.009338	9.025626	-0.89625

hsa-miR-1268a	3.776327	4.602463	4.092728	4.157173	4.934361	5.521765	4.90167	5.119265	0.962093
hsa-miR-1271-5p	3.455534	3.575147	3.794926	3.608536	3.352619	3.157336	3.337866	3.282607	-0.32593
hsa-miR-127-3p	8.019608	8.302883	7.452763	7.925085	6.578137	6.458297	7.530985	6.855807	-1.06928
hsa-miR-1274a_v1c	9.237266	8.52061	9.423404	9.060427	8.799696	8.118638	8.543004	8.487113	-0.57331
hsa-miR-1274b_v1c	12.4356	11.99363	12.9315	12.45358	12.52472	11.47562	12.11602	12.03879	-0.41479
hsa-miR-1275	4.064902	4.677715	4.31307	4.351896	4.629799	5.415945	4.562889	4.869545	0.517649
hsa-miR-128	5.112469	5.231866	4.695842	5.013392	4.558855	4.352584	4.331585	4.414341	-0.59905
hsa-miR-1280	6.571224	6.598438	6.382364	6.517342	6.006439	6.077732	6.020175	6.034782	-0.48256
hsa-miR-1288	4.659126	5.133943	4.016697	4.603255	3.872693	3.804668	3.956074	3.877811	-0.72544
hsa-miR-1290	3.388808	3.706294	3.891686	3.662262	4.094877	4.362865	4.250149	4.235963	0.573701
hsa-miR-1305	6.266999	6.990564	5.823669	6.36041	5.248696	5.335003	5.055711	5.213137	-1.14727
hsa-miR-130a-3p	9.530411	8.803794	9.705387	9.346531	9.257644	8.513489	9.036218	8.935784	-0.41075
hsa-miR-130b-3p	6.956965	6.612775	6.821447	6.797062	6.229113	4.938088	5.192084	5.453095	-1.34397
hsa-miR-132-3p	5.924955	5.963763	4.510565	5.466428	5.4336	4.243066	4.238607	4.638424	-0.828
hsa-miR-132-5p	3.713741	3.546955	3.327373	3.529356	3.67945	3.157959	3.167875	3.335095	-0.19426
hsa-miR-134	5.23906	5.885754	4.778518	5.301111	5.824157	6.385844	6.095238	6.101746	0.800636
hsa-miR-135a-3p	3.054244	2.94827	3.467762	3.156759	4.124506	6.00862	4.823639	4.985588	1.828829
hsa-miR-136-3p	3.347362	2.986593	4.642678	3.658878	4.013729	4.010046	5.027315	4.350363	0.691486
hsa-miR-136-5p	3.710731	3.609151	6.387141	4.569008	5.516544	5.43431	7.037906	5.996253	1.427245
hsa-miR-137	7.208539	6.492372	7.521816	7.074242	7.945436	8.151913	8.157718	8.085022	1.01078
hsa-miR-138-5p	4.5279	3.958259	4.041067	4.175742	3.35722	3.364402	3.471874	3.397832	-0.77791
hsa-miR-140-3p	8.303886	7.607701	7.7706	7.894062	7.315451	7.660777	7.888049	7.621426	-0.27264
hsa-miR-140-5p	8.372978	7.520247	8.951189	8.281471	8.767173	9.09466	9.178533	9.013455	0.731984
hsa-miR-143-3p	5.920239	5.501289	6.727235	6.049588	6.873328	6.855055	7.109969	6.946117	0.896529
hsa-miR-143-5p	4.481123	4.549555	4.120997	4.383892	4.287981	4.246659	4.254085	4.262908	-0.12098
hsa-miR-145-3p	5.224934	4.813089	4.845287	4.961103	4.943806	4.872278	5.008391	4.941492	-0.01961
hsa-miR-145-5p	10.07423	10.04316	9.324453	9.813947	9.700843	9.885324	9.963056	9.849741	0.035794
hsa-miR-146b-5p	3.526956	3.374964	4.387215	3.763045	3.958452	4.016826	4.497151	4.157476	0.394431
hsa-miR-148a-3p	6.157357	5.267068	6.140256	5.854893	6.452892	5.376226	4.304678	5.377932	-0.47696
hsa-miR-148b-3p	4.535621	4.170744	4.861501	4.522622	5.193938	5.249361	4.956032	5.13311	0.610488
hsa-miR-149-5p	4.269722	4.089078	3.751143	4.036647	3.867315	3.463527	3.536325	3.622389	-0.41426
hsa-miR-150-3p	5.428351	5.883584	5.484482	5.598806	6.833358	7.436199	7.016869	7.095475	1.49667
hsa-miR-151a-3p	5.71595	5.664837	5.403984	5.594924	5.127747	4.766847	4.708985	4.86786	-0.72706
hsa-miR-151a-5p	7.781686	7.877672	7.346405	7.668588	7.57307	7.448142	7.354604	7.458605	-0.20998
hsa-miR-152	5.514659	5.260456	5.528471	5.434529	5.783721	6.028291	5.938864	5.916959	0.48243
hsa-miR-154-3p	4.300861	3.592944	5.496742	4.463516	4.118414	3.665265	4.912775	4.232152	-0.23136
hsa-miR-154-5p	4.071686	3.700642	4.260883	4.01107	3.790792	3.6482	4.511774	3.983589	-0.02748

hsa-miR-155-5p	5.058467	5.28227	5.099103	5.146613	4.090119	3.286759	3.374513	3.583797	-1.56282
hsa-miR-15a-5p	7.895664	7.273721	8.781828	7.983738	8.426686	8.61095	8.695111	8.577582	0.593845
hsa-miR-15b-5p	9.74023	8.887874	9.723892	9.450665	8.974243	8.217796	8.692777	8.628272	-0.82239
hsa-miR-16-2-3p	2.734196	2.807499	2.97761	2.839768	2.807691	2.649109	2.662981	2.706594	-0.13317
hsa-miR-16-5p	10.46673	9.549448	10.56735	10.19451	10.10902	9.809992	10.20389	10.04097	-0.15354
hsa-miR-17-5p	6.878811	6.033462	7.005878	6.639383	6.392042	4.856838	5.036883	5.428588	-1.2108
hsa-miR-181a-2-3p	3.543954	3.734835	3.573494	3.617428	3.506994	3.602692	3.770969	3.626885	0.009457
hsa-miR-181a-3p	3.316422	3.365347	4.002964	3.561578	4.076968	3.750297	3.874437	3.900568	0.33899
hsa-miR-181a-5p	7.931165	8.790129	7.020442	7.913912	8.244558	8.580895	8.149497	8.324983	0.411071
hsa-miR-181b-5p	6.208639	6.980749	5.608207	6.265865	5.764016	5.650146	5.488332	5.634164	-0.6317
hsa-miR-181c-5p	3.346559	3.673475	3.211655	3.410563	3.859537	3.986511	3.671576	3.839208	0.428645
hsa-miR-181d	3.479317	3.809747	3.23152	3.506861	3.41605	3.345331	3.273775	3.345052	-0.16181
hsa-miR-185-5p	5.372456	4.709239	5.409188	5.163627	5.325269	5.28313	5.044989	5.217796	0.054169
hsa-miR-186-5p	4.074162	3.807349	3.856804	3.912772	4.355363	4.36336	4.096713	4.271812	0.35904
hsa-miR-187-5p	2.714637	2.725502	2.942108	2.794082	3.492503	3.92847	3.568182	3.663052	0.86897
hsa-miR-188-5p	3.674741	4.170261	4.026787	3.957263	4.581257	4.648718	4.218843	4.482939	0.525676
hsa-miR-18a-5p	3.42964	2.911603	4.384143	3.575129	3.871151	3.124644	3.191406	3.395734	-0.17939
hsa-miR-18b-5p	2.901843	2.681401	3.109045	2.89743	2.867672	2.622567	2.833067	2.774435	-0.12299
hsa-miR-191-3p	3.966047	4.261881	3.627603	3.951844	3.477059	3.151136	3.577955	3.40205	-0.54979
hsa-miR-1914-3p	5.141638	5.63864	4.536529	5.105602	4.196914	4.316963	4.192068	4.235315	-0.87029
hsa-miR-1915-3p	7.062463	7.465281	7.545487	7.357743	9.682841	10.58971	9.851048	10.0412	2.683457
hsa-miR-193a-3p	5.185885	4.576966	7.172056	5.644969	6.81643	6.833808	7.711366	7.120535	1.475566
hsa-miR-193a-5p	6.664395	7.176361	6.073171	6.637975	5.559486	5.380335	5.62642	5.52208	-1.1159
hsa-miR-193b-3p	7.870009	7.480086	7.603182	7.651092	6.831698	7.003168	7.377061	7.070642	-0.58045
hsa-miR-193b-5p	3.507855	3.604861	3.419148	3.510621	3.260978	3.339469	3.412954	3.337801	-0.17282
hsa-miR-195-5p	6.85214	6.06023	6.794344	6.568905	6.14029	6.284041	6.708616	6.377649	-0.19126
hsa-miR-196a-5p	7.814285	8.125118	7.191021	7.710141	6.554202	6.913177	6.822185	6.763188	-0.94695
hsa-miR-196b-5p	7.328438	7.498156	6.931804	7.252799	6.733118	6.909739	6.498831	6.713896	-0.5389
hsa-miR-1973	4.27591	5.374035	4.265755	4.638567	4.274189	4.521981	4.152826	4.316332	-0.32223
hsa-miR-197-3p	4.385696	4.935362	3.933315	4.418125	3.773989	4.047127	3.922317	3.914478	-0.50365
hsa-miR-199a-3p	11.41652	11.22191	11.79231	11.47692	11.89767	12.05387	11.94008	11.96387	0.486958
hsa-miR-199a-5p	8.786655	7.762954	9.75717	8.768926	9.862832	9.966349	10.0455	9.958227	1.189301
hsa-miR-199b-5p	3.856014	3.581637	6.067121	4.501591	5.588255	4.138284	4.554398	4.760312	0.258721
hsa-miR-19a-3p	5.958708	4.595275	7.654252	6.069412	6.704707	5.223489	6.087746	6.005314	-0.0641
hsa-miR-19b-3p	7.871722	6.893216	9.160276	7.975071	8.453129	6.972119	7.836917	7.754055	-0.22102
hsa-miR-20a-5p	7.697629	6.760747	7.935759	7.464712	7.139454	5.816953	6.149652	6.368686	-1.09603
hsa-miR-20b-5p	5.074741	4.26977	5.271564	4.872025	4.780407	3.92171	3.910675	4.204264	-0.66776

hsa-miR-210	6.719714	6.217712	3.839914	5.592447	5.457928	5.262758	4.768231	5.162972	-0.42947
hsa-miR-21-3p	6.358858	5.533113	6.92585	6.272607	6.322387	5.494044	6.103894	5.973441	-0.29917
hsa-miR-214-3p	9.47082	9.679566	9.460138	9.536841	9.043606	9.124209	9.024597	9.064137	-0.4727
hsa-miR-214-5p	3.922116	3.427538	4.654114	4.001256	4.135313	4.053353	4.035889	4.074852	0.073596
hsa-miR-21-5p	13.96997	13.75283	14.56731	14.0967	15.03276	15.29422	15.3059	15.21096	1.114256
hsa-miR-218-5p	3.273548	2.929926	3.98804	3.397171	3.470448	2.996262	3.108064	3.191592	-0.20558
hsa-miR-221-3p	10.98638	10.65009	11.02638	10.88762	10.41638	10.34184	10.4689	10.40904	-0.47858
hsa-miR-221-5p	6.893287	6.59095	6.779095	6.754444	6.304454	6.071629	6.510862	6.295648	-0.4588
hsa-miR-222-3p	6.76313	6.034917	6.769315	6.522454	5.885395	5.494494	6.136829	5.838906	-0.68355
hsa-miR-22-3p	11.65665	11.70291	11.24975	11.53644	11.73026	11.84679	11.72464	11.76723	0.23079
hsa-miR-224-5p	7.356556	7.678116	5.982449	7.005707	5.878509	3.804681	4.956928	4.88004	-2.12567
hsa-miR-22-5p	5.697819	6.015743	5.905051	5.872871	5.664336	5.857327	5.776292	5.765985	-0.10689
hsa-miR-23a-3p	12.17958	12.2491	11.99605	12.14158	12.4664	12.75112	12.58813	12.60188	0.460305
hsa-miR-23b-3p	10.95271	11.00404	10.51976	10.8255	11.04904	11.51215	11.11971	11.22697	0.401466
hsa-miR-23b-5p	2.882905	3.033006	3.096536	3.004149	3.161001	3.10587	3.209404	3.158758	0.154609
hsa-miR-24-1-5p	3.082495	2.920324	3.787315	3.263378	4.09258	4.405579	4.445579	4.314579	1.051201
hsa-miR-24-3p	11.44104	11.30868	11.3875	11.37907	11.82958	12.02401	11.90552	11.9197	0.540632
hsa-miR-25-3p	7.380178	7.045692	7.208375	7.211415	6.47619	6.00702	6.215834	6.233014	-0.9784
hsa-miR-26a-5p	9.335816	8.557497	9.105339	8.999551	9.126207	8.892466	9.1377	9.052124	0.052574
hsa-miR-26b-5p	8.567582	8.202588	7.993678	8.254616	8.501326	8.273479	8.318422	8.364409	0.109793
hsa-miR-27a-3p	10.23893	9.374991	11.40057	10.33816	11.5764	11.55524	11.6926	11.60808	1.269917
hsa-miR-27b-3p	10.45311	9.732239	10.64966	10.27834	10.74007	10.82668	10.96854	10.8451	0.566761
hsa-miR-28-5p	5.651749	5.088921	5.679233	5.473301	5.594486	5.387978	5.490487	5.490984	0.017682
hsa-miR-2861	5.871969	6.737994	5.993733	6.201232	7.520504	9.00987	7.603894	8.044756	1.843524
hsa-miR-299-3p	3.258541	2.951568	4.159781	3.45663	3.173158	2.839264	3.592279	3.201567	-0.25506
hsa-miR-299-5p	6.376744	5.882764	6.618713	6.29274	5.015507	4.217263	5.91885	5.05054	-1.2422
hsa-miR-29a-3p	10.92503	9.927593	11.7884	10.88034	11.01672	11.4896	11.97488	11.49373	0.613395
hsa-miR-29a-5p	2.809586	2.968667	2.994438	2.92423	2.905536	2.891823	3.037189	2.94485	0.020619
hsa-miR-29b-1-5p	4.962687	5.017355	5.51595	5.165331	4.20304	3.751634	3.9143	3.956324	-1.20901
hsa-miR-29b-3p	7.868356	7.0383	10.55583	8.487495	9.367001	9.53889	10.48716	9.797684	1.310188
hsa-miR-29c-3p	7.978154	7.199515	9.189611	8.122426	8.319091	8.756599	9.145971	8.740554	0.618127
hsa-miR-301a-3p	4.401829	3.563228	5.111365	4.358808	5.34108	4.637246	4.697313	4.89188	0.533072
hsa-miR-30a-3p	5.571334	5.068721	5.196894	5.278983	4.998527	5.34139	5.494272	5.278063	-0.00092
hsa-miR-30a-5p	8.408984	7.850891	7.94782	8.069232	8.226136	8.4749	8.643011	8.448015	0.378784
hsa-miR-30b-5p	6.378446	5.615494	6.80997	6.26797	6.588116	6.408088	6.681849	6.559351	0.291381
hsa-miR-30c-5p	5.756706	4.968919	5.757007	5.494211	5.728159	6.108326	5.98804	5.941508	0.447297
hsa-miR-30d-5p	6.304788	6.227754	5.812716	6.115086	6.040911	5.674155	5.896478	5.870514	-0.24457

hsa-miR-30e-3p	4.433933	4.075858	4.47613	4.328641	4.404931	4.398415	4.572973	4.458773	0.130132
hsa-miR-30e-5p	5.516098	5.028697	5.843091	5.462628	6.185722	6.217527	6.27352	6.22559	0.762961
hsa-miR-3125	5.014794	5.634033	4.359359	5.002729	4.118414	3.977536	4.045758	4.047236	-0.95549
hsa-miR-3127-5p	4.148207	5.124403	3.832919	4.36851	3.739893	3.621352	3.600681	3.653975	-0.71453
hsa-miR-3132	3.551447	2.906596	3.76367	3.407238	3.642818	3.632494	3.581324	3.618879	0.211641
hsa-miR-31-3p	6.428833	6.237328	8.004286	6.890149	7.135415	6.801506	7.638467	7.191796	0.301647
hsa-miR-3141	3.396819	4.256752	3.411908	3.688493	3.67698	4.115877	3.658219	3.817026	0.128533
hsa-miR-3156-5p	3.931649	4.870233	3.711688	4.17119	3.568363	3.598252	3.615762	3.594126	-0.57706
hsa-miR-31-5p	7.847898	7.836741	8.679573	8.121404	7.862847	7.716976	8.428577	8.0028	-0.1186
hsa-miR-3162-5p	8.010217	7.967143	7.749062	7.908808	9.383209	11.38969	9.361494	10.0448	2.135992
hsa-miR-3188	2.993478	3.100954	3.345956	3.146796	5.382878	6.404365	5.05274	5.613328	2.466532
hsa-miR-3195	6.713852	7.103149	6.603405	6.806802	7.782585	9.251494	7.917444	8.317174	1.510372
hsa-miR-3196	5.98895	6.030784	6.183622	6.067786	7.244567	8.625457	7.545991	7.805338	1.737553
hsa-miR-3198	6.414878	7.016184	5.905383	6.445482	5.43837	5.510915	5.322951	5.424079	-1.0214
hsa-miR-320a	6.634567	7.037449	6.347591	6.673202	5.749211	5.93943	5.92897	5.872537	-0.80067
hsa-miR-320b	7.717215	8.23056	7.500412	7.816062	6.862013	7.040615	7.170472	7.024367	-0.7917
hsa-miR-320c	7.007354	7.537122	6.772453	7.105643	6.457265	6.602637	6.501919	6.520607	-0.58504
hsa-miR-320d	8.250456	8.846676	7.956072	8.351068	7.411202	7.655935	7.763204	7.610113	-0.74096
hsa-miR-320e	7.77761	8.439819	7.517217	7.911549	6.859998	7.119185	7.272538	7.083907	-0.82764
hsa-miR-324-3p	7.414341	7.654056	6.915525	7.327974	6.55533	6.249171	6.452011	6.418837	-0.90914
hsa-miR-324-5p	6.240469	5.857998	5.944058	6.014175	6.227516	6.063433	5.878037	6.056329	0.042154
hsa-miR-329	3.881961	3.745538	3.729053	3.785517	3.289616	3.211298	3.638267	3.379727	-0.40579
hsa-miR-331-3p	7.625232	7.601528	7.195461	7.474074	7.442912	7.225534	7.247641	7.305362	-0.16871
hsa-miR-335-5p	4.953249	4.723456	5.253049	4.976585	5.868608	4.797387	4.677978	5.114658	0.138073
hsa-miR-337-3p	4.060637	3.495417	4.967197	4.174417	4.084657	3.928151	4.873951	4.295586	0.12117
hsa-miR-337-5p	5.553527	4.74971	6.354816	5.552684	4.972581	4.793686	6.215389	5.327219	-0.22547
hsa-miR-342-3p	6.115923	6.488867	5.75358	6.119456	5.909729	5.751474	5.88052	5.847241	-0.27222
hsa-miR-34a-3p	2.877087	2.829888	3.195962	2.967646	3.279514	3.317647	3.423514	3.340225	0.372579
hsa-miR-34a-5p	9.164315	9.392581	8.911347	9.156081	9.893155	9.871642	10.1933	9.986032	0.82995
hsa-miR-34b-5p	5.737252	6.143558	5.637864	5.839558	6.053933	6.307168	6.638273	6.333125	0.493567
hsa-miR-34c-5p	3.49371	3.314329	3.998291	3.60211	3.546495	3.696206	4.179308	3.807336	0.205227
hsa-miR-361-3p	3.918391	3.716348	3.879296	3.838012	3.68007	3.650033	3.69219	3.674097	-0.16391
hsa-miR-361-5p	7.217552	7.66302	6.631329	7.170634	6.498474	6.72841	6.612392	6.613092	-0.55754
hsa-miR-362-3p	2.856142	2.779852	3.666444	3.100812	3.828659	3.802419	4.108258	3.913112	0.8123
hsa-miR-362-5p	3.792535	3.695482	3.881174	3.78973	3.946143	3.954777	3.907057	3.935992	0.146262
hsa-miR-3648	3.112296	3.015173	3.6993	3.27559	4.565503	5.829566	4.921938	5.105669	1.830079
hsa-miR-3651	7.208448	7.956121	5.984392	7.049654	6.379993	5.681218	5.096994	5.719402	-1.33025

hsa-miR-3652	3.740356	4.099506	3.474506	3.771456	4.277575	4.856245	3.955359	4.36306	0.591604
hsa-miR-3653	3.620989	3.498833	3.491122	3.536981	4.00786	3.872898	3.620429	3.833729	0.296748
hsa-miR-3656	4.727644	5.929102	4.669973	5.108907	6.118941	7.110261	6.083485	6.437563	1.328656
hsa-miR-3659	3.030038	2.758017	3.574645	3.1209	3.481263	3.474943	3.450678	3.468961	0.348062
hsa-miR-365a-3p	10.78795	10.38469	10.4361	10.53625	10.25543	10.30748	10.37437	10.31243	-0.22382
hsa-miR-3663-3p	4.330718	4.50162	6.24001	5.024116	8.312613	7.979441	8.28826	8.193438	3.169322
hsa-miR-3665	7.798442	8.345297	8.22389	8.122543	9.979671	10.43563	10.0191	10.1448	2.022257
hsa-miR-3679-5p	4.798294	5.520577	4.748688	5.02252	5.165952	5.579423	4.911985	5.21912	0.1966
hsa-miR-3682-3p	2.843116	2.888621	2.844828	2.858855	3.503073	4.945528	3.483419	3.97734	1.118485
hsa-miR-369-5p	3.835185	3.313834	4.122377	3.757132	3.646352	3.5127	4.170187	3.776413	0.019281
hsa-miR-370	3.955929	3.901613	3.557668	3.80507	3.398973	3.46056	3.38082	3.413451	-0.39162
hsa-miR-371a-5p	4.201174	4.153898	4.201854	4.185642	5.574464	6.640742	5.891524	6.035577	1.849935
hsa-miR-373-5p	2.716516	2.853792	2.96356	2.844623	3.259827	3.54736	3.462622	3.42327	0.578647
hsa-miR-374a-5p	6.076569	4.900551	7.13459	6.037237	6.841182	6.890366	7.109319	6.946956	0.909719
hsa-miR-374b-5p	5.738416	5.080558	5.629122	5.482698	5.396577	5.443991	5.368053	5.402874	-0.07982
hsa-miR-376a-3p	6.882407	6.334495	7.986263	7.067722	6.636434	6.718596	7.862168	7.072399	0.004677
hsa-miR-376a-5p	4.14481	3.598314	4.7736	4.172241	4.196273	4.007786	4.80818	4.337413	0.165172
hsa-miR-376b	3.685733	3.132788	5.069573	3.962698	3.707976	3.527387	4.509434	3.914932	-0.04777
hsa-miR-376c	7.427112	6.906287	8.278419	7.537273	7.032398	6.89783	8.069611	7.333279	-0.20399
hsa-miR-377-3p	6.260538	5.520422	7.73496	6.505307	6.449863	6.190408	7.886976	6.842416	0.337109
hsa-miR-377-5p	3.110088	3.37189	3.084764	3.188914	2.867392	2.859297	3.084835	2.937175	-0.25174
hsa-miR-379-5p	6.303023	6.186065	6.350568	6.279885	5.059815	4.455073	5.815137	5.110008	-1.16988
hsa-miR-381	4.670836	3.837949	5.916554	4.808447	4.191684	3.758654	5.099944	4.350094	-0.45835
hsa-miR-382-5p	5.576084	5.982829	4.98337	5.514094	4.239521	4.163339	4.77498	4.392613	-1.12148
hsa-miR-3911	2.941035	2.943021	3.539185	3.14108	3.642892	3.751492	3.577931	3.657438	0.516358
hsa-miR-3937	2.930519	3.025076	3.131062	3.028886	3.676898	4.016272	3.704126	3.799099	0.770213
hsa-miR-409-3p	6.823709	7.089018	6.442668	6.785132	5.107057	5.010021	6.299088	5.472055	-1.31308
hsa-miR-409-5p	4.73748	4.567411	4.414099	4.572997	3.941301	3.866219	4.521772	4.109764	-0.46323
hsa-miR-410	5.399112	4.991398	5.394191	5.261567	4.711379	4.542449	5.07507	4.776299	-0.48527
hsa-miR-411-5p	3.400838	2.866772	4.622358	3.62999	3.643835	3.158211	4.278356	3.693467	0.063478
hsa-miR-423-5p	4.569999	4.491547	4.215083	4.425543	4.159652	4.1034	4.008689	4.09058	-0.33496
hsa-miR-424-5p	7.572502	7.247288	8.537791	7.78586	7.466249	8.534217	8.183301	8.061255	0.275395
hsa-miR-425-5p	5.299914	4.461092	4.998421	4.919809	4.951632	4.298064	4.466395	4.57203	-0.34778
hsa-miR-4257	3.59675	4.125329	3.527306	3.749795	4.313687	6.151636	4.875483	5.113602	1.363807
hsa-miR-4270	3.514776	4.005079	3.914083	3.811313	5.136398	6.008092	4.874583	5.339691	1.528378
hsa-miR-4271	5.292838	5.935213	4.962254	5.396768	6.145593	6.494709	6.178708	6.273004	0.876235
hsa-miR-4281	7.885258	8.245039	9.143329	8.424542	10.64416	10.45542	10.43161	10.5104	2.085855

hsa-miR-4284	10.22322	10.48661	10.65617	10.45533	10.00354	10.27073	9.754555	10.00961	-0.44573
hsa-miR-4286	9.845686	9.193282	10.33796	9.79231	10.1112	9.750982	9.845906	9.902695	0.110385
hsa-miR-4291	5.070843	4.2366	4.793772	4.700405	4.885542	5.019143	4.915932	4.940206	0.239801
hsa-miR-4298	3.112935	4.401858	3.379219	3.631338	3.67285	4.141081	3.697705	3.837212	0.205875
hsa-miR-4299	7.200719	7.328346	6.642985	7.05735	6.445845	6.755571	6.724576	6.641998	-0.41535
hsa-miR-4306	6.101251	5.638874	5.819254	5.853127	5.962658	5.99703	5.772521	5.910736	0.05761
hsa-miR-4313	3.657405	4.009093	3.470129	3.712209	3.283573	3.074413	3.501964	3.28665	-0.42556
hsa-miR-431-5p	3.676351	3.142064	4.005626	3.608014	3.52004	3.438132	3.780611	3.579594	-0.02842
hsa-miR-4317	4.194822	4.274963	3.983629	4.151138	4.03048	4.03796	4.003108	4.023849	-0.12729
hsa-miR-4324	4.226454	4.065854	3.901534	4.064614	4.095643	4.05441	3.955433	4.035162	-0.02945
hsa-miR-432-5p	5.42276	6.227221	4.691675	5.447219	4.335982	4.341504	4.667861	4.448449	-0.99877
hsa-miR-4327	4.957632	5.390611	4.92302	5.090421	6.364076	6.593861	6.397063	6.451667	1.361246
hsa-miR-450a-5p	3.895629	3.349339	4.642746	3.962571	4.075548	4.492008	3.986932	4.184829	0.222258
hsa-miR-454-3p	3.929354	3.514454	3.555886	3.666565	3.611985	3.475251	3.417324	3.50152	-0.16504
hsa-miR-455-3p	6.830543	7.265802	6.580784	6.892376	6.477356	6.065304	6.097521	6.213394	-0.67898
hsa-miR-483-5p	2.954947	3.332988	3.262189	3.183375	3.562244	3.47827	3.369294	3.469936	0.286561
hsa-miR-484	4.701568	4.31837	4.472969	4.497635	4.235596	3.831267	3.917738	3.994867	-0.50277
hsa-miR-485-3p	4.174838	4.744648	3.958066	4.292518	3.22936	3.202734	3.874795	3.43563	-0.85689
hsa-miR-487b	6.064277	5.798585	5.861909	5.908257	5.201479	4.938169	5.56679	5.235479	-0.67278
hsa-miR-493-5p	7.054671	7.203449	6.548066	6.935395	5.63891	5.450485	6.366056	5.818484	-1.11691
hsa-miR-494	8.319163	8.961802	9.161459	8.814141	8.980543	8.888252	9.514362	9.127719	0.313578
hsa-miR-495	5.445382	5.167168	5.729965	5.447505	4.723282	4.784269	5.697013	5.068188	-0.37932
hsa-miR-497-5p	4.937724	4.203246	4.950667	4.697212	4.687182	4.730151	5.075125	4.830819	0.133607
hsa-miR-498	3.524212	3.804917	3.432086	3.587072	3.723546	3.747207	3.612222	3.694325	0.107253
hsa-miR-500a-3p	3.306468	3.241469	3.407529	3.318489	3.581748	3.518728	3.634688	3.578388	0.259899
hsa-miR-501-5p	3.274793	3.556612	3.084079	3.305161	3.183692	3.104792	3.218448	3.168977	-0.13618
hsa-miR-502-3p	3.138104	3.027351	3.369662	3.178372	3.489258	3.331636	3.492282	3.437725	0.259353
hsa-miR-503	3.402776	2.875704	3.664522	3.314334	3.217895	3.423789	3.273937	3.305207	-0.00913
hsa-miR-505-3p	5.166049	5.149438	4.856736	5.057407	4.623083	4.071502	4.565921	4.420169	-0.63724
hsa-miR-505-5p	3.701921	3.722728	3.25785	3.560833	3.349047	3.151161	3.215478	3.238562	-0.32227
hsa-miR-513a-5p	3.740252	3.837073	3.885071	3.820799	4.024973	4.427073	3.79222	4.081422	0.260623
hsa-miR-513b	2.952346	3.072425	3.037009	3.020593	3.236996	3.368383	3.215821	3.273733	0.25314
hsa-miR-532-3p	3.567659	3.92654	3.484515	3.659571	3.607123	3.452848	3.509614	3.523195	-0.13638
hsa-miR-532-5p	4.108689	4.146523	3.967516	4.074242	4.167518	4.053078	4.051498	4.090698	0.016456
hsa-miR-539-5p	4.297989	4.395353	3.642741	4.112028	3.49763	3.411932	3.615762	3.508441	-0.60359
hsa-miR-542-3p	3.817393	3.41637	4.343371	3.859045	4.141005	4.496211	4.037372	4.224862	0.365818
hsa-miR-542-5p	4.25305	4.422782	3.894798	4.19021	3.733986	4.054212	3.671751	3.819983	-0.37023

hsa-miR-543	4.661613	5.12933	4.789599	4.860181	3.785496	3.557506	4.382953	3.908652	-0.95153
hsa-miR-551b-3p	6.13275	4.097929	5.179246	5.136642	8.395185	5.512223	5.182129	6.363179	1.226537
hsa-miR-572	3.377587	3.619602	3.414622	3.470604	3.894319	4.984757	4.158182	4.345752	0.875149
hsa-miR-574-3p	6.209303	7.025217	5.700051	6.311524	5.534554	5.641864	5.55707	5.57783	-0.73369
hsa-miR-574-5p	6.374362	6.688203	5.887039	6.316535	5.627009	5.398765	5.409854	5.478542	-0.83799
hsa-miR-575	5.687476	6.082969	5.111434	5.627293	5.567059	5.34998	4.722874	5.213305	-0.41399
hsa-miR-590-5p	3.64237	3.031236	5.08539	3.919665	4.474726	4.339281	4.563878	4.459295	0.53963
hsa-miR-615-3p	2.842044	2.815487	2.73136	2.796297	2.677296	2.722317	2.82353	2.741048	-0.05525
hsa-miR-625-5p	3.591929	3.460538	3.460071	3.504179	3.149006	2.93235	3.111526	3.064294	-0.43989
hsa-miR-629-3p	2.87956	2.960124	3.184204	3.007963	3.500795	4.863975	4.169664	4.178145	1.170182
hsa-miR-629-5p	2.812116	2.957657	2.800805	2.856859	2.69072	2.5672	2.580162	2.612694	-0.24417
hsa-miR-630	5.89258	6.452603	6.772205	6.372463	7.202182	5.897114	6.506365	6.53522	0.162757
hsa-miR-636	3.017092	3.10132	2.875163	2.997858	3.362885	3.70635	3.459122	3.509453	0.511594
hsa-miR-638	5.98997	6.860844	6.213492	6.354768	7.180201	8.944589	7.530589	7.885126	1.530358
hsa-miR-642b-3p	4.234645	4.372931	4.644513	4.417363	6.17054	7.212993	6.387788	6.59044	2.173078
hsa-miR-654-3p	5.6666	5.706102	6.240367	5.871023	5.049815	4.944435	6.096605	5.363618	-0.5074
hsa-miR-660-5p	3.365731	3.178244	4.274206	3.60606	4.600312	4.58733	4.746025	4.644556	1.038495
hsa-miR-663a	2.824646	2.949648	3.215855	2.996716	4.107604	4.651848	4.070279	4.276577	1.279861
hsa-miR-664-3p	3.626433	3.647312	3.462203	3.578649	3.836536	3.935033	3.758217	3.843262	0.264613
hsa-miR-671-5p	2.710773	3.396243	3.269641	3.125552	3.468335	3.788625	3.465798	3.574253	0.4487
hsa-miR-718	2.739418	2.643172	3.093983	2.825524	3.779791	3.878528	3.782364	3.813561	0.988037
hsa-miR-720	14.19764	13.90475	14.1896	14.09733	14.06189	13.61803	13.8842	13.85471	-0.24262
hsa-miR-744-5p	3.637866	3.817744	3.613423	3.689678	3.578973	3.374258	3.526973	3.493401	-0.19628
hsa-miR-758	4.858394	4.74327	4.74033	4.780665	3.797776	3.650528	4.220039	3.889448	-0.89122
hsa-miR-7-5p	3.983932	3.450357	4.592071	4.008787	3.735499	3.30242	3.408969	3.482296	-0.52649
hsa-miR-762	6.458658	6.281371	6.420134	6.386721	9.544479	10.41481	9.24774	9.735678	3.348957
hsa-miR-769-5p	3.370388	3.187346	3.54361	3.367115	3.403246	3.294063	3.359243	3.352184	-0.01493
hsa-miR-874	4.661553	4.426192	4.463624	4.517123	6.035447	7.42779	6.17323	6.545489	2.028366
hsa-miR-887	2.667496	2.641188	2.685865	2.66485	3.0421	3.446948	3.214579	3.234542	0.569693
hsa-miR-892b	3.975173	4.439126	3.569548	3.994616	3.485535	3.386821	3.444831	3.439062	-0.55555
hsa-miR-92a-3p	7.409589	7.673444	6.957163	7.346732	6.302609	5.073023	5.459489	5.611707	-1.73502
hsa-miR-93-5p	6.576028	5.977112	6.273155	6.275432	5.767192	5.157281	5.010105	5.311526	-0.96391
hsa-miR-939	5.305455	5.213142	5.056632	5.191743	5.829321	6.579419	5.516201	5.97498	0.783237
hsa-miR-940	5.828426	6.08433	5.57778	5.830179	6.330771	7.752004	6.787686	6.956821	1.126642
hsa-miR-98	6.608955	6.620803	5.959067	6.396275	6.247716	6.143794	5.776644	6.056052	-0.34022
hsa-miR-99a-5p	6.823914	6.685189	7.422422	6.977175	6.761119	6.918567	7.590129	7.089938	0.112763
hsa-miR-99b-5p	7.758907	7.730682	6.89685	7.462146	6.931624	6.927617	6.758678	6.87264	-0.58951

miRNA	old donors								FC o8-o4
	164_4	194_4	271_4	average	164_8	194_8	271_8	average	
hsa-let-7a-3p	2.748402	2.672562	2.824938	2.748634	2.767893	2.667083	2.741869	2.725615	-0.02302
hsa-let-7a-5p	12.9111	13.38129	13.03326	13.10855	13.43652	13.62665	13.36236	13.47517	0.366625
hsa-let-7b-5p	12.12615	12.42855	12.02608	12.1936	12.56948	12.50137	12.43022	12.50036	0.30676
hsa-let-7c	10.44085	10.53917	10.19023	10.39008	10.6629	10.56192	11.0938	10.77288	0.382794
hsa-let-7d-5p	9.0194	9.344247	9.317699	9.227115	9.20297	9.224462	9.639905	9.355779	0.128664
hsa-let-7e-5p	10.22886	10.41475	10.12175	10.25512	10.60719	10.65531	11.00062	10.75438	0.499259
hsa-let-7f-5p	12.2068	12.34743	12.34279	12.29901	12.4065	12.54888	12.50746	12.48761	0.188609
hsa-let-7g-5p	9.679509	10.14996	9.812185	9.880552	10.02536	9.668598	10.00028	9.898082	0.01753
hsa-let-7i-5p	11.053	12.25245	11.37215	11.5592	11.80135	11.60953	12.02225	11.81104	0.251844
hsa-miR-100-5p	11.14144	11.24212	11.91652	11.43336	11.13904	11.46308	11.73245	11.44486	0.011494
hsa-miR-101-3p	3.995757	5.78768	4.512646	4.765361	4.693739	4.725994	3.283682	4.234472	-0.53089
hsa-miR-103a-3p	8.954096	9.27975	8.96106	9.064969	9.448804	9.340171	9.099223	9.296066	0.231097
hsa-miR-106b-5p	6.92629	7.231568	7.85516	7.337673	5.606861	5.622456	6.119255	5.782858	-1.55481
hsa-miR-107	8.942622	9.244356	8.886283	9.02442	9.156138	9.123871	9.018633	9.099547	0.075127
hsa-miR-10a-5p	4.011895	5.774091	5.931444	5.239143	4.387631	4.73603	6.091525	5.071729	-0.16741
hsa-miR-10b-5p	7.716794	8.107112	7.424763	7.749556	8.248481	7.784305	7.759457	7.930748	0.181191
hsa-miR-1181	3.345506	4.976083	3.542407	3.954665	6.150836	7.346313	4.26753	5.92156	1.966894
hsa-miR-1185-5p	3.602148	3.569671	3.298197	3.490005	3.64164	3.346698	3.236306	3.408214	-0.08179
hsa-miR-1202	6.347946	5.959318	6.314195	6.207153	6.502625	7.787274	6.561437	6.950445	0.743292
hsa-miR-1207-5p	6.325882	7.019575	6.090709	6.478722	8.348629	9.241019	8.084293	8.55798	2.079258
hsa-miR-1224-5p	3.088323	3.222539	2.956934	3.089266	3.14069	5.731366	3.069396	3.980484	0.891218
hsa-miR-1225-3p	3.745695	3.483456	3.608709	3.61262	3.290386	4.223922	3.898669	3.804326	0.191705
hsa-miR-1225-5p	6.464108	6.61101	6.123151	6.399423	7.687673	8.548781	7.019965	7.75214	1.352717
hsa-miR-1226-5p	2.841573	3.083385	2.761875	2.895611	3.155067	4.175055	3.098461	3.476194	0.580583
hsa-miR-1228-3p	4.465546	3.901534	4.156068	4.174383	3.095591	4.007401	4.838263	3.980418	-0.19396
hsa-miR-1234	4.653481	4.199783	4.422561	4.425275	4.519161	5.455073	5.310688	5.094974	0.669699
hsa-miR-1238	3.856976	3.567043	3.79786	3.740626	3.071138	3.382075	4.053294	3.502169	-0.23846
hsa-miR-1246	3.835679	3.934547	4.056619	3.942282	2.985706	4.029366	4.871968	3.962347	0.020065
hsa-miR-1249	2.971279	2.914043	2.966636	2.950652	2.884846	3.516114	2.89477	3.098577	0.147924
hsa-miR-125a-3p	3.768618	3.9799	3.804949	3.851156	3.413368	5.128192	3.806265	4.115942	0.264786
hsa-miR-125a-5p	8.157414	8.047234	8.039552	8.0814	8.014615	7.784794	8.538854	8.112754	0.031355
hsa-miR-125b-5p	12.64548	12.97126	12.50743	12.70806	12.92328	13.1673	12.66289	12.91782	0.209768
hsa-miR-1260a	10.16779	9.23609	10.19124	9.865041	9.132888	8.592364	10.03384	9.25303	-0.61201
hsa-miR-1260b	9.869865	9.14436	9.967007	9.660411	8.57879	8.436243	9.844953	8.953329	-0.70708
hsa-miR-1268a	4.147135	3.860889	3.962185	3.99007	4.70277	5.449055	4.388395	4.84674	0.85667

hsa-miR-1271-5p	3.98883	3.877701	4.227694	4.031409	3.532912	3.161655	3.636957	3.443842	-0.58757
hsa-miR-127-3p	8.053518	7.46668	7.310439	7.610212	8.385884	7.597791	8.421658	8.135111	0.524899
hsa-miR-1274a_v1c	10.07921	8.765524	9.55433	9.466355	8.934266	8.569647	9.238461	8.914125	-0.55223
hsa-miR-1274b_v1c	12.51332	11.78387	12.66655	12.32125	11.516	11.1873	11.98084	11.56138	-0.75987
hsa-miR-1275	4.822498	4.104009	5.252872	4.72646	3.786549	5.287624	5.316118	4.796764	0.070304
hsa-miR-128	4.726665	5.226155	5.195588	5.049469	4.332986	4.74448	5.1179	4.731789	-0.31768
hsa-miR-1280	6.476989	5.591717	6.323117	6.130608	5.50022	5.620243	6.436018	5.85216	-0.27845
hsa-miR-1288	4.41515	4.154431	4.422561	4.330714	3.911114	3.991786	5.389388	4.430763	0.100049
hsa-miR-1290	3.44562	3.499362	3.183482	3.376155	2.690871	3.928902	4.227958	3.61591	0.239756
hsa-miR-1305	6.373121	5.914529	6.15925	6.148966	5.093025	5.558871	6.920496	5.857464	-0.2915
hsa-miR-130a-3p	9.467381	9.796858	9.974108	9.746116	9.42903	9.071508	9.609782	9.370107	-0.37601
hsa-miR-130b-3p	6.958193	6.35769	7.340654	6.885512	5.246435	5.570721	6.595176	5.80411	-1.0814
hsa-miR-132-3p	6.078684	5.635422	4.664243	5.45945	4.394975	4.153416	5.550881	4.699757	-0.75969
hsa-miR-132-5p	3.670916	3.753592	3.286743	3.570417	3.39982	3.134114	3.363171	3.299035	-0.27138
hsa-miR-134	4.74419	4.780051	4.36833	4.630857	5.944762	6.68128	5.973581	6.199874	1.569017
hsa-miR-135a-3p	2.904296	3.144243	2.948259	2.998933	2.886934	4.5494	3.119757	3.518697	0.519764
hsa-miR-136-3p	4.144359	4.398663	3.979315	4.174113	4.16025	3.737945	2.901935	3.600043	-0.57407
hsa-miR-136-5p	5.181045	5.187377	5.373602	5.247341	5.673844	4.372149	3.419223	4.488405	-0.75894
hsa-miR-137	7.383209	7.766243	6.471203	7.206885	8.069917	8.310287	5.995837	7.45868	0.251795
hsa-miR-138-5p	4.88799	3.952387	4.895601	4.578659	2.809422	3.200388	4.037487	3.349099	-1.22956
hsa-miR-140-3p	7.791713	8.293046	7.904672	7.996477	8.092577	8.182217	7.648539	7.974444	-0.02203
hsa-miR-140-5p	8.503604	9.406693	8.735047	8.881781	9.14747	8.882919	7.803093	8.611161	-0.27062
hsa-miR-143-3p	6.113762	6.71479	6.113461	6.314004	6.010902	6.22278	5.320998	5.85156	-0.46244
hsa-miR-143-5p	4.000324	4.472641	3.768842	4.080602	3.81099	3.98944	3.80763	3.869353	-0.21125
hsa-miR-145-3p	4.647442	4.884204	5.023642	4.851763	4.23639	4.348737	4.224661	4.26993	-0.58183
hsa-miR-145-5p	9.608824	9.73081	9.355854	9.565163	9.87834	9.97545	9.880968	9.911586	0.346423
hsa-miR-146b-5p	3.029097	3.373012	4.402995	3.601702	2.762958	2.92132	3.963184	3.215821	-0.38588
hsa-miR-148a-3p	6.553159	8.077114	7.061678	7.23065	5.981096	6.253673	5.241011	5.82526	-1.40539
hsa-miR-148b-3p	4.534759	5.307107	4.93401	4.925292	4.834617	4.784449	4.112814	4.577293	-0.348
hsa-miR-149-5p	3.930539	3.825152	4.031525	3.929072	4.535398	3.884535	3.734013	4.051315	0.122243
hsa-miR-150-3p	4.021029	5.502813	3.942404	4.488749	6.53842	7.549091	5.418479	6.501997	2.013248
hsa-miR-151a-3p	5.624245	5.687064	5.689755	5.667021	5.147415	4.939754	5.646081	5.244417	-0.4226
hsa-miR-151a-5p	7.435841	7.889303	7.298028	7.541057	7.751636	7.499142	7.510909	7.587229	0.046172
hsa-miR-152	5.658222	6.408668	5.576928	5.881273	6.022091	6.220769	5.215244	5.819368	-0.0619
hsa-miR-154-3p	6.104339	4.86974	5.837254	5.603778	5.165709	3.819491	4.618656	4.534619	-1.06916
hsa-miR-154-5p	4.266618	4.322667	4.124537	4.237941	5.005248	4.018529	4.125924	4.383234	0.145293
hsa-miR-155-5p	5.032132	4.066804	5.751093	4.95001	2.68847	2.986611	5.886653	3.853911	-1.0961

hsa-miR-15a-5p	8.08534	8.647269	8.57609	8.436233	7.880436	7.434007	7.385069	7.566504	-0.86973
hsa-miR-15b-5p	9.757689	9.223612	10.21144	9.730913	8.222162	7.87747	9.081436	8.39369	-1.33722
hsa-miR-16-2-3p	2.745065	2.939607	3.048356	2.911009	2.84969	2.612631	2.716111	2.726144	-0.18487
hsa-miR-16-5p	10.50066	10.3456	10.83109	10.55912	9.921892	9.384313	10.17563	9.827278	-0.73184
hsa-miR-17-5p	7.011014	6.811665	7.77713	7.199936	5.113141	4.533334	6.631506	5.425994	-1.77394
hsa-miR-181a-2-3p	2.880195	3.046253	3.235676	3.054041	3.683762	3.205885	3.155695	3.348447	0.294406
hsa-miR-181a-3p	3.258683	3.655553	3.577716	3.497317	4.034047	3.629017	3.100876	3.58798	0.090663
hsa-miR-181a-5p	6.258066	7.631666	6.194031	6.694588	8.65899	8.517986	7.853089	8.343355	1.648767
hsa-miR-181b-5p	5.085215	5.410349	5.473481	5.323015	6.199958	5.675433	6.182743	6.019378	0.696363
hsa-miR-181c-5p	2.856926	3.630649	2.954996	3.147524	3.612398	3.804888	3.175954	3.53108	0.383557
hsa-miR-181d	3.019913	3.467594	3.120248	3.202585	3.666532	3.458377	3.266593	3.463834	0.261249
hsa-miR-185-5p	5.603992	5.96966	5.957127	5.843593	5.070109	5.726683	4.788975	5.195255	-0.64834
hsa-miR-186-5p	4.144944	4.915665	4.057352	4.372654	4.091165	4.466669	4.078373	4.212069	-0.16058
hsa-miR-187-5p	2.55966	2.777895	2.644609	2.660721	2.916371	4.450107	2.666646	3.344375	0.683653
hsa-miR-188-5p	4.579812	4.032997	4.101769	4.238193	3.360015	4.939785	4.203891	4.167897	-0.0703
hsa-miR-18a-5p	4.389803	3.826029	5.384754	4.533529	2.687244	2.876163	3.069137	2.877514	-1.65601
hsa-miR-18b-5p	2.954995	3.017203	3.520736	3.164311	2.743211	2.721535	2.800944	2.75523	-0.40908
hsa-miR-191-3p	3.904825	3.662765	3.955407	3.840999	2.791979	3.35519	3.923075	3.356748	-0.48425
hsa-miR-1914-3p	4.822355	4.246052	4.784662	4.61769	3.74977	4.334173	5.619954	4.567966	-0.04972
hsa-miR-1915-3p	6.206433	7.102914	6.122061	6.477136	8.662167	10.376	7.183121	8.740431	2.263295
hsa-miR-193a-3p	6.146081	6.515051	6.701978	6.45437	6.044333	5.523137	4.768523	5.445331	-1.00904
hsa-miR-193a-5p	6.307237	5.91174	6.134303	6.11776	6.073151	6.014141	6.922133	6.336475	0.218715
hsa-miR-193b-3p	7.81393	8.061586	7.6571	7.844205	7.679177	7.289722	7.773	7.580633	-0.26357
hsa-miR-193b-5p	3.357701	3.449375	3.377176	3.394751	2.779919	3.414883	3.584905	3.259902	-0.13485
hsa-miR-195-5p	6.785114	7.691364	7.06408	7.180186	7.106808	6.63157	6.427116	6.721831	-0.45835
hsa-miR-196a-5p	6.492383	7.613949	8.036215	7.380849	7.028513	7.437104	8.649331	7.704983	0.324134
hsa-miR-196b-5p	6.913229	6.704903	7.014478	6.877536	6.682908	6.224948	7.278885	6.728914	-0.14862
hsa-miR-1973	4.32338	4.173532	4.230684	4.242532	3.208135	4.250212	4.675099	4.044482	-0.19805
hsa-miR-197-3p	4.205274	4.172204	4.198722	4.192067	5.76705	4.225034	4.336125	4.77607	0.584003
hsa-miR-199a-3p	11.33874	11.94753	11.7165	11.66759	11.74895	11.42181	11.21142	11.46072	-0.20687
hsa-miR-199a-5p	8.926621	9.907488	9.471819	9.435309	9.66558	9.027331	8.306076	8.999662	-0.43565
hsa-miR-199b-5p	3.497746	3.860285	4.533052	3.963694	3.761971	2.798686	2.823018	3.127891	-0.8358
hsa-miR-19a-3p	6.98663	7.143173	8.07413	7.401311	5.199138	4.548334	5.70581	5.151094	-2.25022
hsa-miR-19b-3p	8.353128	8.833459	9.392077	8.859555	7.478085	6.474491	7.674746	7.209107	-1.65045
hsa-miR-20a-5p	7.803514	7.742054	8.558462	8.034677	5.931523	5.294753	7.46342	6.229899	-1.80478
hsa-miR-20b-5p	5.106971	5.168633	5.951208	5.408937	3.648116	3.525949	4.765798	3.979954	-1.42898
hsa-miR-210	6.34067	6.568697	4.556321	5.821896	6.28759	5.775348	6.606209	6.223049	0.401153

hsa-miR-21-3p	6.652365	6.339168	7.029356	6.67363	5.193292	5.103061	6.082194	5.459516	-1.21411
hsa-miR-214-3p	8.922579	9.706294	9.317538	9.31547	9.385335	8.952823	9.322234	9.220131	-0.09534
hsa-miR-214-5p	4.066358	4.767052	4.686386	4.506599	3.862832	3.607778	3.451908	3.640839	-0.86576
hsa-miR-21-5p	14.08735	14.83021	14.52541	14.48099	14.50816	13.93308	13.14492	13.86205	-0.61894
hsa-miR-218-5p	4.705691	4.058273	5.397384	4.720449	3.009487	3.181408	3.313372	3.168089	-1.55236
hsa-miR-221-3p	11.37124	10.78524	10.91574	11.02407	10.64343	10.42349	10.80413	10.62368	-0.40039
hsa-miR-221-5p	7.382384	6.990901	6.976374	7.116553	6.820395	6.139096	6.674609	6.5447	-0.57185
hsa-miR-222-3p	7.099559	7.1765	6.930995	7.069018	6.119201	5.997837	6.794863	6.303967	-0.76505
hsa-miR-22-3p	11.40578	11.79267	11.32671	11.50839	12.15992	11.89923	11.4722	11.84378	0.335396
hsa-miR-224-5p	6.063559	6.972052	7.07615	6.70392	3.408546	3.978736	7.574282	4.987188	-1.71673
hsa-miR-22-5p	5.778421	5.530091	5.861825	5.723446	5.453526	5.479596	4.999675	5.310932	-0.41251
hsa-miR-23a-3p	11.89292	12.67204	11.77841	12.11446	12.84817	12.87411	11.96479	12.56236	0.447897
hsa-miR-23b-3p	9.994388	10.77152	9.679975	10.14863	11.58884	11.7455	10.54535	11.29323	1.144605
hsa-miR-23b-5p	2.881418	3.014001	2.875155	2.923525	2.838101	3.277026	2.912981	3.009369	0.085845
hsa-miR-24-1-5p	3.13273	3.614101	3.235416	3.327416	3.459874	3.794101	2.853887	3.369287	0.041872
hsa-miR-24-3p	11.53661	11.82754	11.14121	11.50179	12.29398	12.26532	11.27806	11.94578	0.443998
hsa-miR-25-3p	7.204706	7.081821	7.818961	7.368496	5.953834	5.890073	7.408636	6.417515	-0.95098
hsa-miR-26a-5p	8.882269	9.470687	8.908814	9.087257	9.164521	8.669586	8.959636	8.931248	-0.15601
hsa-miR-26b-5p	8.115652	8.875442	8.062807	8.3513	8.584397	8.174109	8.137098	8.298535	-0.05277
hsa-miR-27a-3p	10.99364	11.46968	10.95134	11.13822	11.43579	10.61955	9.63088	10.56207	-0.57614
hsa-miR-27b-3p	10.1147	10.54034	9.923871	10.19297	10.98084	10.76533	9.715592	10.48725	0.294285
hsa-miR-28-5p	5.599277	6.242488	6.077879	5.973215	5.134953	5.227805	5.227169	5.196642	-0.77657
hsa-miR-2861	5.982533	5.533857	5.483081	5.66649	6.956117	8.762779	6.553933	7.424276	1.757786
hsa-miR-299-3p	4.043679	3.504527	3.732023	3.760076	2.749775	2.951688	3.115232	2.938898	-0.82118
hsa-miR-299-5p	7.075738	6.034753	6.428542	6.513011	6.465869	5.281932	6.387057	6.044953	-0.46806
hsa-miR-29a-3p	11.92451	11.57574	11.87567	11.79198	11.19452	10.91223	10.83747	10.98141	-0.81057
hsa-miR-29a-5p	3.051208	3.104451	2.936685	3.030781	2.870295	2.86273	2.812833	2.848619	-0.18216
hsa-miR-29b-1-5p	5.816285	4.194778	5.204052	5.071705	3.058623	3.55375	4.541659	3.718011	-1.35369
hsa-miR-29b-3p	10.36822	9.54188	10.45974	10.12328	9.165016	9.155971	8.10671	8.809232	-1.31405
hsa-miR-29c-3p	8.853497	9.022412	8.839208	8.905039	8.480219	8.299226	7.856518	8.211987	-0.69305
hsa-miR-301a-3p	4.53393	5.379566	5.264834	5.059443	4.270723	4.542487	3.477038	4.096749	-0.96269
hsa-miR-30a-3p	5.342008	5.35887	5.177345	5.292741	4.330344	4.987144	5.048981	4.788823	-0.50392
hsa-miR-30a-5p	7.923269	8.724409	7.646198	8.097958	8.229286	8.396881	7.910725	8.178964	0.081006
hsa-miR-30b-5p	6.506549	7.084813	6.64523	6.745531	6.489506	5.960619	5.731726	6.060617	-0.68491
hsa-miR-30c-5p	5.731708	6.240082	5.778693	5.916828	5.685234	5.757052	5.112504	5.518263	-0.39856
hsa-miR-30d-5p	5.689957	6.498661	5.610226	5.932948	6.136713	5.500182	5.89343	5.843442	-0.08951
hsa-miR-30e-3p	4.505292	4.757459	4.676207	4.646319	3.827402	4.093435	3.867394	3.92941	-0.71691

hsa-miR-30e-5p	5.604145	6.784942	5.902646	6.097245	6.345114	5.942412	5.230498	5.839341	-0.2579
hsa-miR-3125	4.938227	4.492511	4.681207	4.703982	3.082519	4.188782	5.637174	4.302825	-0.40116
hsa-miR-3127-5p	4.034106	3.822742	3.914237	3.923695	2.808947	3.743261	4.773704	3.775304	-0.14839
hsa-miR-3132	3.79921	3.360344	3.742427	3.633994	2.633889	3.480432	3.139332	3.084551	-0.54944
hsa-miR-31-3p	7.89784	7.507109	7.647298	7.684082	6.255505	5.163574	6.007383	5.808821	-1.87526
hsa-miR-3141	3.452085	3.431705	3.264666	3.382818	2.759268	3.974914	3.886981	3.540388	0.157569
hsa-miR-3156-5p	3.937495	3.661005	3.719913	3.772804	2.840964	3.742486	4.498038	3.69383	-0.07897
hsa-miR-31-5p	8.609724	8.591159	8.295633	8.498839	7.408234	6.558891	7.616253	7.194459	-1.30438
hsa-miR-3162-5p	7.64315	7.27045	7.436399	7.45	7.949503	10.04293	8.174577	8.722337	1.272337
hsa-miR-3188	2.829394	2.965323	2.747052	2.847256	3.863916	6.157167	2.972367	4.33115	1.483894
hsa-miR-3195	6.40546	6.170062	6.343072	6.306198	6.747091	8.418438	6.748573	7.304701	0.998503
hsa-miR-3196	5.734826	5.558566	5.679036	5.657476	6.382204	8.054998	6.043705	6.826969	1.169493
hsa-miR-3198	6.334305	5.793102	6.098789	6.075399	5.082969	5.540476	6.940322	5.854589	-0.22081
hsa-miR-320a	6.594485	6.409771	6.606111	6.536789	6.070038	6.085978	6.903569	6.353195	-0.18359
hsa-miR-320b	7.770949	7.531383	7.66986	7.657397	7.419915	7.31849	7.998122	7.578842	-0.07855
hsa-miR-320c	6.791653	6.870967	6.780762	6.814461	6.532057	6.775136	7.250048	6.852414	0.037953
hsa-miR-320d	7.997197	8.098227	7.988407	8.027944	8.078763	7.745995	8.530781	8.118513	0.090569
hsa-miR-320e	7.544509	7.605583	7.544852	7.564981	7.525065	7.186844	8.005811	7.572573	0.007592
hsa-miR-324-3p	7.160366	6.805418	7.145415	7.037066	6.758808	6.406174	7.731601	6.965528	-0.07154
hsa-miR-324-5p	5.845555	6.315689	6.158011	6.106418	6.191678	6.164328	5.769204	6.041736	-0.06468
hsa-miR-329	4.209705	3.430009	3.95903	3.866248	4.031755	3.321775	3.796668	3.716733	-0.14952
hsa-miR-331-3p	7.475945	7.550976	7.134676	7.387199	7.879724	7.444261	7.207107	7.510364	0.123165
hsa-miR-335-5p	5.477679	6.054874	6.615871	6.049475	2.892427	5.527436	5.237025	4.552296	-1.49718
hsa-miR-337-3p	4.843458	4.750825	4.662321	4.752201	5.599612	4.135831	3.891011	4.542151	-0.21005
hsa-miR-337-5p	6.370036	6.181937	6.098058	6.216677	6.479138	5.455366	5.469791	5.801432	-0.41525
hsa-miR-342-3p	5.542474	5.849519	5.806995	5.732996	5.970137	5.543776	6.390401	5.968105	0.235109
hsa-miR-34a-3p	3.111311	3.706065	3.206569	3.341315	3.331821	3.502272	3.043881	3.292658	-0.04866
hsa-miR-34a-5p	9.476616	10.46236	8.811488	9.583487	10.55506	10.42372	10.1601	10.37963	0.796141
hsa-miR-34b-5p	5.951029	7.204513	6.090935	6.415492	6.991368	6.825472	6.430519	6.749119	0.333627
hsa-miR-34c-5p	3.881039	4.8823	4.655439	4.472926	3.897095	4.035594	3.615854	3.849514	-0.62341
hsa-miR-361-3p	3.747817	4.225069	3.885433	3.952773	3.613617	3.512674	3.852817	3.659703	-0.29307
hsa-miR-361-5p	6.783265	7.001804	6.688065	6.824378	6.773559	6.708653	7.392281	6.958164	0.133786
hsa-miR-362-3p	3.051007	3.756384	3.455643	3.421011	3.241227	3.376172	2.736417	3.117939	-0.30307
hsa-miR-362-5p	3.615192	4.14128	3.836135	3.864203	2.936446	3.597308	3.291531	3.275095	-0.58911
hsa-miR-3648	3.059734	3.293265	3.00064	3.11788	2.94339	4.928963	2.906491	3.592948	0.475068
hsa-miR-3651	6.463164	7.359977	6.624091	6.815744	7.058732	7.531135	8.400697	7.663522	0.847777
hsa-miR-3652	3.158251	3.306433	3.144925	3.203203	2.815802	4.390524	4.35254	3.852955	0.649752

hsa-miR-3653	3.420548	3.906284	3.723342	3.683391	3.338476	4.269173	3.456821	3.688157	0.004765
hsa-miR-3656	4.505705	4.570451	4.099968	4.392042	5.601597	6.823023	5.349392	5.924671	1.532629
hsa-miR-3659	4.154624	3.439873	3.95841	3.850969	2.913473	3.629712	3.059538	3.200908	-0.65006
hsa-miR-365a-3p	10.6102	10.59285	10.56754	10.5902	10.79915	10.64314	10.61599	10.68609	0.095893
hsa-miR-3663-3p	3.413831	5.65139	3.657602	4.240941	6.853649	7.804517	3.9503	6.202822	1.961881
hsa-miR-3665	7.060302	7.845249	6.886986	7.264179	9.709871	10.72875	8.286845	9.575156	2.310977
hsa-miR-3679-5p	5.054096	4.378877	4.673086	4.70202	3.828175	5.530515	5.458356	4.939015	0.236996
hsa-miR-3682-3p	2.764998	2.705767	2.758732	2.743166	2.619224	3.813119	2.831196	3.087846	0.34468
hsa-miR-369-5p	4.242275	4.032113	3.820774	4.031721	4.713338	3.756612	3.451908	3.973953	-0.05777
hsa-miR-370	4.071959	3.459008	3.678176	3.736381	2.978967	3.511924	3.694581	3.395157	-0.34122
hsa-miR-371a-5p	3.520252	4.16079	3.68198	3.787674	4.864344	6.484361	4.469704	5.272803	1.485129
hsa-miR-373-5p	2.615926	2.91066	2.785732	2.770773	2.761563	3.400051	2.737573	2.966396	0.195623
hsa-miR-374a-5p	6.766827	7.301372	7.217544	7.095248	6.764339	6.334638	5.328076	6.142351	-0.9529
hsa-miR-374b-5p	5.512695	6.06188	5.851177	5.808584	5.589472	5.483243	5.30023	5.457648	-0.35094
hsa-miR-376a-3p	7.997216	7.483141	7.562804	7.681054	8.10768	7.028292	6.725815	7.287262	-0.39379
hsa-miR-376a-5p	4.796607	4.488408	4.219407	4.501474	4.504264	3.967184	3.528961	4.000136	-0.50134
hsa-miR-376b	5.200194	4.481132	5.127599	4.936308	3.827558	3.613705	3.313414	3.584892	-1.35142
hsa-miR-376c	8.358201	7.860919	7.909343	8.042821	8.387613	7.37186	7.150244	7.636572	-0.40625
hsa-miR-377-3p	7.58253	7.211892	7.364509	7.38631	7.655644	6.455024	6.305716	6.805461	-0.58085
hsa-miR-377-5p	3.408466	3.058265	3.178953	3.215228	3.60246	3.034143	3.146461	3.261022	0.045794
hsa-miR-379-5p	6.924517	5.911931	6.316977	6.384475	6.136491	5.424497	6.418764	5.993251	-0.39122
hsa-miR-381	5.877	4.999469	5.921076	5.599182	4.82273	3.76383	3.959708	4.182089	-1.41709
hsa-miR-382-5p	5.795678	4.936676	4.97405	5.235468	5.44044	4.668833	5.800661	5.303311	0.067843
hsa-miR-3911	3.540949	3.317252	3.445728	3.434643	2.964087	3.496458	3.069734	3.17676	-0.25788
hsa-miR-3937	2.729704	3.052516	2.910729	2.89765	3.000009	4.134469	2.997713	3.377397	0.479747
hsa-miR-409-3p	7.386977	6.235346	6.738231	6.786851	7.257876	6.554775	7.297188	7.036613	0.249762
hsa-miR-409-5p	5.242936	4.641123	4.452899	4.778986	5.60302	4.596753	4.659229	4.953	0.174014
hsa-miR-410	6.017997	5.415231	5.412352	5.615193	5.975735	5.179486	4.962499	5.372574	-0.24262
hsa-miR-411-5p	4.459519	4.166671	4.065305	4.230498	3.514181	3.508738	3.252586	3.425168	-0.80533
hsa-miR-423-5p	4.300875	4.612431	4.572249	4.495185	3.858884	4.385567	4.688111	4.310854	-0.18433
hsa-miR-424-5p	8.154134	8.908283	8.523061	8.528493	8.985199	7.753939	6.951453	7.896864	-0.63163
hsa-miR-425-5p	5.043526	5.36004	5.445185	5.282917	4.606234	4.724456	4.785041	4.705244	-0.57767
hsa-miR-4257	3.627589	3.556772	3.15242	3.445593	3.082795	5.174426	3.666131	3.974451	0.528857
hsa-miR-4270	3.461495	3.789123	3.252187	3.500935	3.434409	5.648253	3.656636	4.246433	0.745498
hsa-miR-4271	4.117882	5.173711	4.118351	4.469982	5.687142	6.596751	5.44451	5.909468	1.439486
hsa-miR-4281	7.7232	8.936223	7.334926	7.998116	10.01899	10.66142	8.34332	9.674575	1.676459
hsa-miR-4284	11.06971	10.80078	11.18557	11.01869	10.49407	10.91606	11.73307	11.04773	0.029044

hsa-miR-4286	9.936552	9.408142	9.945093	9.763262	9.272707	9.125596	9.405911	9.268071	-0.49519
hsa-miR-4291	4.801385	5.480492	4.521761	4.934546	5.020913	5.41663	4.349511	4.929018	-0.00553
hsa-miR-4298	3.383759	3.152096	3.385251	3.307035	2.625782	3.874452	3.65495	3.385061	0.078026
hsa-miR-4299	7.51466	6.745096	6.962713	7.074157	6.880547	7.011823	7.641562	7.177978	0.103821
hsa-miR-4306	6.087792	6.532836	6.331881	6.317503	5.964448	6.422251	5.678305	6.021668	-0.29584
hsa-miR-4313	3.827533	3.716849	3.576958	3.707113	2.95716	3.284491	3.638462	3.293371	-0.41374
hsa-miR-431-5p	4.531574	3.758237	3.910505	4.066772	3.829982	3.434407	3.241923	3.502104	-0.56467
hsa-miR-4317	3.987566	4.462016	3.830899	4.093494	4.113336	4.186021	3.958581	4.085979	-0.00751
hsa-miR-4324	3.768618	4.367955	3.788158	3.97491	4.479657	4.05441	4.034719	4.189595	0.214685
hsa-miR-432-5p	5.685795	4.947911	4.691376	5.108361	5.918478	5.520806	5.724246	5.721177	0.612816
hsa-miR-4327	3.649166	4.997746	3.700531	4.115814	6.06136	6.820775	4.870091	5.917409	1.801594
hsa-miR-450a-5p	4.536669	5.385428	5.004533	4.975543	4.714252	4.124319	3.600057	4.146209	-0.82933
hsa-miR-454-3p	3.616471	3.927389	3.661947	3.735269	2.924463	3.486847	3.499813	3.303707	-0.43156
hsa-miR-455-3p	6.337275	6.546136	7.295451	6.726287	6.122289	5.048113	7.376569	6.182324	-0.54396
hsa-miR-483-5p	3.072982	3.113611	3.052293	3.079629	2.50931	3.496458	3.114059	3.039942	-0.03969
hsa-miR-484	4.482888	4.541328	4.609549	4.544588	3.9903	3.803747	4.26788	4.020642	-0.52395
hsa-miR-485-3p	4.575412	3.635028	3.997821	4.06942	4.935673	3.731296	4.393364	4.353444	0.284024
hsa-miR-487b	6.490673	5.667974	5.98474	6.047796	6.592738	5.401071	5.689162	5.894324	-0.15347
hsa-miR-493-5p	7.128359	6.546749	6.313503	6.662871	7.047317	6.399316	6.791869	6.746167	0.083297
hsa-miR-494	8.57282	7.675912	8.392799	8.213844	7.772796	7.947194	8.468601	8.062864	-0.15098
hsa-miR-495	6.31608	5.588104	5.663184	5.855789	6.281227	5.589193	5.390579	5.753666	-0.10212
hsa-miR-497-5p	4.831235	6.075163	5.124638	5.343678	4.978905	4.89493	4.483737	4.785857	-0.55782
hsa-miR-498	3.478613	3.398013	3.235416	3.370681	3.599275	3.857843	3.691806	3.716308	0.345627
hsa-miR-500a-3p	3.390477	3.600696	3.379389	3.456854	3.119725	3.408144	3.202097	3.243322	-0.21353
hsa-miR-501-5p	3.176231	3.302425	3.3374	3.272019	3.008404	3.102005	3.45671	3.18904	-0.08298
hsa-miR-502-3p	3.398454	3.676037	3.183755	3.419415	2.969568	3.321444	2.91518	3.06873	-0.35068
hsa-miR-503	3.77934	3.994412	4.303001	4.025584	3.083869	3.267219	3.100655	3.150581	-0.875
hsa-miR-505-3p	4.873423	4.963457	4.923317	4.920066	4.339725	4.49948	5.084107	4.641104	-0.27896
hsa-miR-505-5p	3.348641	3.390196	3.180607	3.306481	2.833243	3.4824	3.434372	3.250005	-0.05648
hsa-miR-513a-5p	3.744735	3.398013	3.626621	3.58979	2.849232	3.848601	3.793169	3.497001	-0.09279
hsa-miR-513b	3.136658	2.856323	2.783655	2.925545	2.62244	3.01293	2.866323	2.833898	-0.09165
hsa-miR-532-3p	3.456159	3.718704	3.330096	3.501653	3.744429	3.704489	3.625331	3.691417	0.189764
hsa-miR-532-5p	3.9838	4.364967	3.866902	4.07189	3.400404	4.124082	3.734013	3.752833	-0.31906
hsa-miR-539-5p	4.490304	3.663638	3.696682	3.950208	3.72353	3.641173	3.95841	3.774371	-0.17584
hsa-miR-542-3p	4.343962	5.300993	4.743165	4.79604	3.920628	4.20418	3.251538	3.792115	-1.00392
hsa-miR-542-5p	4.103694	4.711171	4.176074	4.330313	3.939699	4.217653	4.051788	4.069713	-0.2606
hsa-miR-543	5.650354	4.30012	4.813232	4.921236	4.803146	4.395126	5.331822	4.843365	-0.07787

hsa-miR-551b-3p	3.44877	4.863133	3.905287	4.072397	4.833095	3.694495	4.289997	4.272529	0.200132
hsa-miR-572	3.409158	3.188511	3.197372	3.265013	3.24014	4.709856	3.714189	3.888062	0.623048
hsa-miR-574-3p	5.781708	6.359074	5.784381	5.975055	6.586657	6.188753	6.649395	6.474935	0.49988
hsa-miR-574-5p	6.346157	6.135412	6.465336	6.315635	5.890416	5.847179	6.557478	6.098358	-0.21728
hsa-miR-575	5.437104	4.736699	5.058076	5.077293	4.384177	5.317518	5.822559	5.174751	0.097458
hsa-miR-590-5p	4.417244	4.716257	5.507386	4.880295	3.060935	3.55601	3.120042	3.245662	-1.63463
hsa-miR-615-3p	2.999142	3.163869	2.949696	3.037569	3.549266	2.716758	2.896832	3.054285	0.016716
hsa-miR-625-5p	3.462987	3.429895	3.584605	3.492496	2.712785	2.981723	3.618397	3.104302	-0.38819
hsa-miR-629-3p	2.760827	2.999118	2.924416	2.894787	3.076887	3.83988	2.833452	3.250073	0.355286
hsa-miR-629-5p	2.663405	2.830092	2.831855	2.775117	2.485886	2.663691	2.876154	2.675244	-0.09987
hsa-miR-630	7.121106	6.161774	6.757265	6.680048	6.692072	6.948518	6.608298	6.749629	0.069581
hsa-miR-636	2.795271	2.768872	2.968755	2.844299	3.159175	3.782715	3.038112	3.326667	0.482368
hsa-miR-638	6.372137	5.79093	5.956719	6.039929	6.795265	8.557768	6.84302	7.398684	1.358756
hsa-miR-642b-3p	3.857028	4.29292	3.873284	4.007744	4.490651	6.619138	4.392816	5.167535	1.159791
hsa-miR-654-3p	6.56643	6.016096	6.129415	6.237313	6.664626	5.427403	5.990164	6.027398	-0.20992
hsa-miR-660-5p	3.970664	4.475859	4.087451	4.177992	3.949013	3.820235	3.165862	3.645037	-0.53295
hsa-miR-663a	2.895696	2.969218	2.77956	2.881491	2.886934	4.337866	2.895811	3.373537	0.492046
hsa-miR-664-3p	3.486989	4.003536	3.409744	3.633423	5.134	4.527856	4.113665	4.59184	0.958418
hsa-miR-671-5p	3.205063	3.12226	3.025933	3.117752	2.79011	3.88512	3.158723	3.277984	0.160232
hsa-miR-718	2.64762	3.042432	2.637483	2.775845	2.818966	3.734397	2.704163	3.085842	0.309997
hsa-miR-720	14.31532	13.55716	14.31744	14.06331	13.39261	13.07101	13.69184	13.38515	-0.67816
hsa-miR-744-5p	3.812056	3.678822	3.762387	3.751088	3.059976	3.886531	3.531947	3.492818	-0.25827
hsa-miR-758	5.59246	4.304339	5.198297	5.031699	4.95874	3.970343	4.674789	4.534624	-0.49707
hsa-miR-7-5p	5.3219	4.186969	6.176139	5.228336	3.008593	3.306889	4.107645	3.474375	-1.75396
hsa-miR-762	5.106899	5.654745	5.186092	5.315912	8.090597	10.27974	6.060762	8.143701	2.827788
hsa-miR-769-5p	3.508177	3.789675	3.372279	3.55671	3.143905	3.502293	3.374217	3.340138	-0.21657
hsa-miR-874	3.967716	4.412333	3.783154	4.054401	5.105962	6.999606	4.805375	5.636981	1.58258
hsa-miR-887	2.744663	2.735292	2.556069	2.678675	3.08424	3.089777	2.587222	2.920413	0.241738
hsa-miR-892b	3.839438	3.743715	3.764253	3.782469	3.255389	3.63464	4.484727	3.791585	0.009117
hsa-miR-92a-3p	7.114861	6.926419	7.406127	7.149136	5.958289	5.210886	7.571024	6.246733	-0.9024
hsa-miR-93-5p	6.327971	6.227078	7.054318	6.536455	4.640164	5.159068	6.35662	5.385284	-1.15117
hsa-miR-939	4.728064	4.486468	4.775015	4.663182	5.283754	6.17211	5.059711	5.505191	0.842009
hsa-miR-940	5.543792	5.529125	5.224862	5.432593	5.554167	7.192472	5.982197	6.242945	0.810353
hsa-miR-98	6.205319	6.615555	6.432265	6.417713	6.211883	6.430272	6.368407	6.336854	-0.08086
hsa-miR-99a-5p	6.951022	7.418073	7.513476	7.29419	8.048218	7.397531	7.384609	7.610119	0.315929
hsa-miR-99b-5p	7.254139	7.297411	7.184146	7.245232	7.251552	7.365712	7.32183	7.313031	0.067799

SUPPLEMENTAL TABLE S2

miRNA	number of predicted targets	Cell-mediated Immune Response	Cell Cycle	Cellular Assembly and Organization	Cellular Growth and Proliferation	Lipid Metabolism	Tissue Development
<i>Group A c8-c4</i>							
miR-1207	2359	4.47E-03-1.99E-02 14	1.5E-04-2.14E-02 114	3.63E-06-2.14E-02 272	4.12E-06-2.14E-02 558	1.48E-03-2.14E-02 30	2.16E-04-2.1E-02 221
miR-1225-5p	504	3.97E-03-2.42E-02 8	1.46E-03-2.42E-02 13	8.22E-03-2.42E-02 52	5.84E-04-2.42E-02 41	4.89E-06-2.42E-02 11	2.63E-03-2.42E-02 34
miR-17-5p	1419	4.77E-03-4.77E-03 4	1.05E-07-6.68E-03 175	1.03E-06-7.17E-03 181	1.97E-08-7.08E-03 369	1.25E-03-4.77E-03 8	4.81E-06-7.08E-03 222
miR-1915-3p	1813	5.55E-03-1.7E-02 16	8.41E-03-2.09E-02 10	5.45E-04-2.09E-02 169	2E-03-2.09E-02 78	2.09E-02-2.09E-02 4	5.36E-04-2.09E-02 114
miR-2861	1664	7.11E-03-1.73E-02 8	6.09E-03-4.68E-02 51	2.7E-06-4.63E-02 186	7.11E-03-4.44E-02 86	4.75E-04-3.28E-02 36	1.79E-03-4.68E-02 126
miR-293-5p	545	NA NA	9.56E-03-3.59E-02 41	1.55E-04-3.03E-02 75	8.96E-03-2.62E-02 132	2.98E-05-3.21E-02 13	7.74E-03-3.21E-02 30
miR-3665	892	1.19E-03-4.21E-02 9	2.89E-03-4.22E-02 18	9.65E-09-4.21E-02 124	7.04E-04-4.21E-02 226	1.78E-03-4.21E-02 12	1.26E-03-4.22E-02 68
miR-4281	677	5.96E-03-3.22E-02 6	3E-04-3.22E-02 21	4.54E-04-3.22E-02 72	1.43E-03-3.22E-02 13	3.05E-03-3.22E-02 11	1.04E-03-3.22E-02 13
miR-4327	542	6.44E-03-2.61E-02 5	5.17E-04-2.61E-02 65	2.77E-04-2.61E-02 62	2.56E-04-2.61E-02 27	6.78E-04-2.61E-02 16	4.31E-04-2.61E-02 56
miR-762	2172	4.81E-03-2.79E-02 13	4.25E-03-3.07E-02 61	7.65E-06-3.07E-02 265	2.32E-05-3.07E-02 508	1.52E-03-3.07E-02 62	3.47E-05-3.07E-02 161
miR-92a-3p	1140	2.22E-03-7.6E-03 8	1.85E-04-2.72E-02 125	6.53E-08-2.72E-02 202	2.08E-05-2.72E-02 284	6.24E-03-2.72E-02 14	6.87E-07-2.67E-02 179
<i>Group B o8-o4</i>							
miR-138-5p	1201	2.95E-02-3.54E-02 5	1.91E-04-3.54E-02 126	8.98E-04-3.47E-02 141	1.79E-04-3.58E-02 290	5.61E-03-3.54E-02 17	5.17E-04-3.58E-02 123
miR-16-5p	2020	NA NA	1.2E-12-5.8E-03 244	1.75E-08-5.65E-03 271	1.94E-06-6.13E-03 493	3.44E-03-4.59E-03 10	2.17E-05-5.8E-03 244
miR-181a-5p	1498	4.06E-03-4.06E-03 7	4.61E-06-8.27E-03 161	2.52E-06-7.4E-03 173	1.89E-08-8.62E-03 399	1.55E-03-6.55E-03 12	1.26E-05-8.62E-03 194
miR-18a-5p	696	2.45E-03-1.11E-02 10	8.85E-05-1.36E-02 75	4.12E-05-1.33E-02 70	1.03E-04-1.46E-02 164	1.03E-02-1.03E-02 2	4.71E-04-1.44E-02 64
miR-19a-3p	1450	5E-03-5.49E-03 4	5.14E-04-1.06E-02 119	7.8E-07-1.43E-02 195	2.77E-07-1.15E-02 382	1.34E-03-1.43E-02 14	2.98E-05-1.38E-02 232
miR-21-3p	712	3.42E-02-3.42E-02 2	6.97E-04-3.42E-02 81	3.67E-04-3.42E-02 71	2.27E-04-3.42E-02 178	3.95E-03-3.42E-02 30	7.53E-04-3.42E-02 79

miR-21-5p	617	1.42E-03-3.54E-03 23	2.67E-05-3.76E-03 67	6.98E-05-3.7E-03 77	3.66E-06-3.53E-03 175	2.01E-04-2.8E-03 19	4.24E-06-1.96E-03 91
miR-218-5p	1279	NA NA	5.55E-04-2.11E-02 110	3.68E-06-2.57E-02 156	2.47E-04-2.11E-02 300	1.1E-02-2.11E-02 7	5.15E-07-2.11E-02 143
miR-23a-3p	1506	NA NA	3.8E-04-1.61E-02 139	2.52E-05-1.97E-02 167	3.7E-06-1.97E-02 374	5.25E-03-1.5E-02 7	7.15E-10-1.9E-02 157
miR-30a-3p	14	7.07E-04-2.59E-02 3	1.41E-03-3.96E-02 4	7.07E-04-4.16E-02 6	9.36E-04-4.3E-02 8	1.41E-03-4.94E-03 2	7.07E-04-4.3E-02 6
miR-31-5p	952	3E-03-3.41E-02 7	2.73E-04-3.01E-02 49	2.11E-04-3.27E-02 100	1.15E-03-1.99E-02 85	3.8E-04-1.2E-02 8	8.14E-04-2.64E-02 90
miR-3118	731	NA NA	1.18E-03-3.44E-02 28	1.87E-05-3.44E-02 58	1.99E-03-3.44E-02 64	1.52E-02-3.44E-02 20	4.05E-05-3.44E-02 40
miR-3656	470	9.36E-03-2.19E-02 3	4.59E-03-2.19E-02 38	4.8E-04-2.19E-02 57	6.8E-04-2.19E-02 40	4.31E-03-2.19E-02 13	4.59E-03-2.19E-02 48
miR-4271	1574	1.21E-02-4.92E-02 7	1.64E-03-4.92E-02 70	1.36E-04-4.92E-02 196	2.28E-03-4.92E-02 85	3.87E-03-1.63E-02 3	9.54E-04-4.92E-02 121
miR-503-5p	772	NA NA	2.49E-11-7.8E-03 106	1.12E-05-7.8E-03 99	6.58E-06-7.8E-03 199	1.58E-03-7.8E-03 12	2.5E-06-7.8E-03 105
miR-664-3p	242	1.15E-02-1.15E-02 3	3.93E-04-2.29E-02 8	6.38E-03-2.29E-02 25	8.12E-05-2.29E-02 21	1.92E-03-2.29E-02 9	4.42E-04-2.29E-02 20
miR-708-5p	875	1.84E-02-4.14E-02 5	1.71E-03-4.14E-02 23	3.65E-03-4.14E-02 88	1.71E-03-4.14E-02 42	1.54E-03-4.06E-02 18	2.4E-04-4.14E-02 91
miR-7a-5p	917	1.08E-02-1.75E-02 2	6.75E-04-1.75E-02 79	4.36E-05-1.75E-02 142	2.54E-05-1.75E-02 216	6.84E-03-1.08E-02 10	5.94E-05-1.75E-02 92
<i>Group C y8-y4</i>							
miR-1181	94	NA NA	1.47E-03-4.26E-02 11	4.34E-03-3.84E-02 8	2.3E-04-4.84E-02 28	4.34E-03-3E-02 4	4.34E-03-4.84E-02 12
miR-125-5b	1532	1.16E-03-1.55E-02 30	3.88E-04-2.02E-02 88	3.97E-04-1.96E-02 33	1.06E-04-1.68E-02 354	1.35E-03-5.41E-03 10	3.17E-04-1.74E-02 112
miR-130a-3p	1253	3.73E-03-3.73E-03 2	4.89E-06-3.95E-03 134	5.44E-07-3.73E-03 179	9.96E-08-3.68E-03 335	2.85E-04-3.95E-03 26	8.23E-07-3.91E-03 216
miR-151-3p	349	1.67E-02-3.31E-02 2	1.67E-02-4.92E-02 8	3.98E-03-4.92E-02 44	1.46E-02-4.92E-02 32	3.98E-03-4.92E-02 9	3.51E-04-4.92E-02 42
miR-155-5p	799	9.2E-04-1.13E-02 22	1.97E-07-1.12E-02 94	1.37E-05-1.12E-02 103	6.35E-05-1.26E-02 207	4.45E-03-8.67E-03 4	1.05E-04-1.13E-02 102
miR-1908-5p	1212	1.48E-04-1.48E-04 4	7.26E-04-2.94E-02 95	2.93E-05-2.97E-02 152	3.31E-04-3.04E-02 290	5.57E-03-2.97E-02 20	2.98E-05-2.99E-02 159
miR-193a-5p	554	2.61E-02-2.61E-02 2	2E-03-2.61E-02 16	2E-03-2.66E-02 24	6.46E-03-2.66E-02 25	6.78E-04-2.66E-02 28	2E-03-2.66E-02 17
miR-196a-5p	629	1.98E-03-2.82E-02 5	3.29E-04-3.01E-02 33	2.08E-03-2.82E-02 70	2.48E-03-2.82E-02 53	1.25E-02-2.69E-02 9	2.08E-03-2.81E-02 54

miR-21-5p	617	1.42E-03-3.54E-03 23	2.67E-05-3.76E-03 67	6.98E-05-3.7E-03 77	3.66E-06-3.53E-03 175	2.01E-04-2.8E-03 19	4.24E-06-1.96E-03 91
miR-3162-5p	573	1.51E-02-2.81E-02 4	4.57E-03-2.81E-02 15	2.33E-03-2.81E-02 52	3.66E-03-2.81E-02 22	2.01E-02-2.81E-02 10	2.1E-03-2.81E-02 39
miR-3180-3p	1102	8E-03-2.48E-02 5	1.24E-03-2.48E-02 45	2.55E-07-2.48E-02 154	7.74E-04-2.48E-02 261	1.01E-03-1.54E-02 21	3.04E-08-2.48E-02 124
miR-320b	1074	6.34E-03-1.71E-02 6	4.56E-05-2.45E-02 115	1.16E-03-2.45E-02 45	4.51E-05-2.45E-02 263	1.29E-02-1.84E-02 9	4.36E-04-2.45E-02 84
miR-3547	742	1.52E-02-3.59E-02 6	9.27E-05-3.59E-02 41	1.85E-05-3.59E-02 53	1.29E-03-3.59E-02 169	7.37E-03-3.59E-02 17	4.45E-04-3.59E-02 33
miR-3648	286	4.85E-03-4.41E-02 13	5.57E-03-4.46E-02 31	3.56E-03-4.75E-02 27	2.67E-02-2.67E-02 1	2.67E-02-4.73E-02 3	NA NA
miR-409-3p	189	8.88E-03-4.36E-02 3	8.99E-03-3.55E-02 9	1.18E-03-4.58E-02 15	4.19E-03-4.42E-02 7	4.19E-03-4.8E-02 7	2.4E-04-4.42E-02 15
miR-574-5p	565	NA NA	2.1E-03-2.67E-02 8	1.49E-04-2.67E-02 62	7.13E-04-2.67E-02 13	1.79E-02-2.67E-02 9	1.49E-04-2.67E-02 30
miR-642-3p	512	1.79E-02-2.45E-02 4	1.63E-03-2.45E-02 45	7.02E-06-2.45E-02 60	3.33E-04-2.45E-02 33	5.97E-04-2.45E-02 17	2.07E-03-2.45E-02 31
miR-660-5p	481	3E-02-3E-02 2	3.66E-03-4.55E-02 20	2.05E-03-3.55E-02 34	2.14E-02-4.55E-02 17	1.56E-03-4.55E-02 23	2.3E-02-4.45E-02 21
miR-718	242	1.14E-02-1.14E-02 1	1.08E-02-4.49E-02 12	1.89E-03-4.57E-02 38	5.21E-03-4.49E-02 25	1.14E-02-4.86E-02 15	3.51E-03-4.76E-02 27
miR-874	1070	NA NA	1.17E-04-2.12E-02 86	3.11E-05-2.39E-02 126	1.6E-06-2.45E-02 252	7.7E-03-1.65E-02 5	1.6E-06-2.45E-02 122
miR-879-5p	683	9.99E-03-2.62E-02 4	1.25E-04-3.27E-02 35	6.35E-04-2.9E-02 63	2.98E-04-3.27E-02 34	6.13E-03-3.27E-02 16	5.46E-04-3.27E-02 39

SUPPLEMENTAL TABLE S3

Gene	Group A c8-c4	Group B o8-o4	Group C y8-y4
BHLHE41	hsa-miR-93-5p/miR-17-5p	hsa-miR-15b-5p/miR-16-5p hsa-miR-20a-5p/miR-17-5p	hsa-miR-130b-3p/miR-130a-3p hsa-miR-320a/mir-320b
CCND1	hsa-miR-93-5p/miR-17-5p	hsa-miR-15b-5p/miR-16-5p hsa-miR-20a-5p/miR-17-5p hsa-miR-19a-3p hsa- miR-503	hsa-miR-155-5p
CMTM4	hsa-miR-93-5p/miR-17-5p	hsa-miR-15b-5p/miR-16-5p hsa-miR-20a-5p/miR-17-5p hsa-miR-503	hsa-miR-125a-5p hsa- miR-320a
CYLD	hsa-miR-93-5p/miR-17-5p	hsa-miR-15b-5p/miR-16-5p hsa-miR-20a-5p/miR-17-5p hsa-miR-19a-3p/miR-19b-3p	hsa-miR-130b-3p hsa- miR-320a
FAM46B	hsa-miR-1207 hsa-miR-1915 hsa- miR-2861 hsa-miR-3665 hsa- miR-762		
HMGB2	hsa-miR-371a-5p/miR-293-5p	hsa-miR-181a-5p hsa-miR-23b-3p/miR-23a-3p	
HNRNPH1	hsa-miR-2861		
LBR	hsa-miR-4327	hsa-miR-181a-5p hsa-miR-23b-3p	
OLFML3	hsa-miR-2861		
RMI1	hsa-miR-1225-5p		
SOCS3	hsa-miR-2861 hsa-miR-762	hsa-miR-181-5p	hsa-miR-718 hsa-miR-874/miR-874-3p

SUPPLEMENTAL TABLE S4: Expression of members of miR17/92 cluster and its target mRNAs in BM-MSCs. Experimentally validated target mRNAs of the miR-17-92 cluster and its two paralogues miR106a/363 and miR-106b/25 are shown.

MiRNA	Genomic location	Group	miRNA expression	target	target expression	ref
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	RUNX1	1.09	[1, 2]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	NCOA3		[1, 3]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	PCAF		[1]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	TGFBR2		[1]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	BCL2L1	-	[1]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	CCND1	0.70	[1, 2]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	CDKN1A (p21)		[1, 4]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	GAP1		[1]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	IRF1		[1]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	MAPK9		[1]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	MAPK14		[5]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	PKNOX1		[6]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	Eos		[7]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	NR4A3		[1]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	MYCN		[1]
hsa-miR-17-5p	miR17/92	o8-o4	-1.77	TSG01		[1]
hsa-miR-20a-5p	miR17/92	o8-o4	-1.80	PCAF		[1]
hsa-miR-20a-5p	miR17/92	o8-o4	-1.80	RUNX1	1.09	[1, 2]
hsa-miR-20a-5p	miR17/92	o8-o4	-1.80	TGFBR2		[1, 8]
hsa-miR-20a-5p	miR17/92	o8-o4	-1.80	E2F1	-1.64	[9, 10]
hsa-miR-20a-5p	miR17/92	o8-o4	-1.80	CCND1	0.70	[2]
hsa-miR-20a-5p	miR17/92	o8-o4	-1.80	MAPK14		[5]
hsa-miR-106b-5p	miR106b/25	o8-o4		ITCH		[11]
hsa-miR-106b-5p	miR106b/25	o8-o4		MAPK14		[5]
hsa-miR-106b-5p	miR106b/25	o8-o4	-1,55	CDKN1A (p21)		[4]
hsa-miR-93-5p	miR-106b/25	c8-c4	-1.15 (o8-o4) -0.96 (y8-y4)	ITGB8		[12]
hsa-miR-18a	miR17/92	o8-o4	-1.67	CTGF		[1, 13]
hsa-miR-19a-3p	miR17/92	o8-o4	-2.25	PKNOX1		[6]
hsa-miR-363	miR106a/363			MYO1B		[14]

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