

Supplemental Table S1. Top five proteins identified by mass spectrometry to coimmunoprecipitate with FLAG-TSN in HEK293T cells

#	Identified Proteins	Accession # (gi)	MW (kDa)	# of Peptides		
				α -FLAG IP of Cells Expressing:		
				FLAG + MYC	FLAG-TSN + MYC-UPF1	
				IP - RNase I	IP - RNase I	IP + RNase I
	Staphylococcal nuclease domain-containing protein 1 (TSN)	77404397	102	39	2849	2510
1	Cluster of tubulin beta chain isoform b	29788785 [6]	50	25	562	577
2	Fatty acid synthase	41872631	273	13	550	485
3	Cluster of tubulin alpha-1B chain	57013276 [5]	50	13	432	442
4	Regulator of nonsense transcripts 1 isoform 2 (UPF1)	18375673	123	17	514	434
5	Heat shock protein HSP 90-beta isoform c	431822408	82	23	439	431

MW_s, molecular weight

Supplemental Table S2. Top five proteins identified by mass spectrometry to coimmunoprecipitate with MYC-UPF1 in HEK293T cells

#	Identified Proteins	Accession # (gi)	MW (kDa)	# of Peptides		
				α -MYC IP of Cells Expressing:		
			FLAG + MYC	FLAG-TSN + MYC-UPF1	IP + RNase I	
			IP - RNase I	IP - RNase I	IP + RNase I	
	Regulator of nonsense transcripts 1 isoform 2 (UPF1)	18375673	123	9	1477	1554
1	Filamin-A isoform 1	116063573 (+1)	280	0	314	300
2	Cluster of tubulin beta chain isoform b	29788785 [6]	50	20	147	185
3	Fatty acid synthase	41872631	273	22	133	162
4	Cluster of tubulin alpha-1B chain	57013276 [5]	50	7	87	117
5	Staphylococcal nuclease domain-containing protein 1 (TSN)	77404397	102	6	92	107

MW, molecular weight

Supplemental Table S3 Results of miR-seq of five biological replicates of Ctl siRNA-, TSN siRNA- or UPE1 siRNA-treated T24 human bladder cancer cells

miRNA	baseMean	TSN siRNA vs Ctl siRNA				UPE1 siRNA vs Ctl siRNA							
		log2FoldChange	lfcSE	stat	pvalue	log2FoldChange	lfcSE	stat	pvalue				
hsa-miR-126-3p	670.634624	1.925321797	0.083275823	23.11981723	2.93E-118	2.22E-115	hsa-miR-126-3p	670.634624	1.281245476	0.085542027	14.97766483	1.02E-50	7.95E-49
hsa-miR-200b-3p	3624.572617	-1.967047119	0.091597321	-21.47494165	2.67E-102	1.01E-99	hsa-miR-200b-3p	3624.572617	-1.665516298	0.091657711	-18.17104396	8.75E-74	1.70E-71
hsa-miR-16-2-3p	2359.98358	-1.682667279	0.09438027	-17.8285915	4.24E-71	1.07E-68	hsa-miR-16-2-3p	2359.98358	-2.037922918	0.095339404	-21.37545272	2.26E-101	8.78E-99
hsa-miR-200a-5p	1604.79018	-2.403486956	0.144500798	-16.63303582	4.02E-65	7.60E-60	hsa-miR-200a-5p	1604.79018	-1.695755383	0.139933191	-12.11832141	8.45E-34	3.86E-32
hsa-miR-339-3p	850.2566236	0.870359908	0.055422488	15.70409293	1.42E-55	2.15E-53	hsa-miR-339-3p	850.2566236	0.811416829	0.056639089	14.32609243	1.50E-46	9.73E-45
hsa-miR-126-5p	852.076426	1.512673868	0.098921015	15.29173415	8.68E-53	1.10E-50	hsa-miR-126-5p	852.076426	0.822498219	0.099087435	8.300731788	1.03E-16	1.96E-15
hsa-miR-378a-3p/378c/378d/378e	3932.631286	1.77612388	0.117599213	15.1031953	1.54E-51	1.67E-49	hsa-miR-378a-3p/378c/378d/378e	3932.631286	1.254618895	0.117837584	10.64701812	1.80E-26	6.08E-25
hsa-miR-181a-2-3p	6865.50991	-1.898826362	0.131829229	-14.41128806	4.40E-47	4.16E-45	hsa-miR-181a-2-3p	6865.50991	-1.556711542	0.131837673	-11.80778992	3.56E-32	1.45E-30
hsa-miR-429	513.2557539	-1.69947875	0.119095289	-14.26990748	3.37E-46	2.83E-44	hsa-miR-429	513.2557539	-1.754375887	0.120965324	-14.50313056	1.16E-47	8.18E-46
hsa-miR-181b-5p	43226.70562	-1.392782873	0.099172432	-14.04405289	8.38E-45	6.34E-43	hsa-miR-181b-5p	43226.70562	-1.155825843	0.099179613	-11.65386527	2.19E-31	8.52E-30
hsa-miR-200a-3p	354.7423838	-1.604329674	0.114729768	-13.98349974	1.97E-44	1.35E-42	hsa-miR-200a-3p	354.7423838	-1.545130658	0.116654705	-13.2453351	4.80E-40	2.49E-38
hsa-miR-210-3p	5406.426886	1.467334578	0.115121335	12.74598298	3.28E-37	2.07E-35	hsa-miR-210-3p	5406.426886	1.438364058	0.115199358	12.4858867	8.92E-36	4.33E-34
hsa-miR-221-3p	38668.51596	0.840765791	0.07289282	11.5342744	8.86E-31	5.16E-29	hsa-miR-221-3p	38668.51596	0.29360701	0.072939869	4.025329544	5.69E-05	0.000309146
hsa-miR-584-5p	3099.581308	-0.735742079	0.063841131	-11.5245773	9.92E-31	5.36E-29	hsa-miR-584-5p	3099.581308	-0.031466908	0.06354241	-0.49521112	0.620451102	0.767660041
hsa-miR-381-3p	28.94911051	-3.439051529	0.301311882	-11.16269308	3.58E-30	1.80E-28	hsa-miR-381-3p	28.94911051	-2.376604833	0.270033998	-8.801131902	1.35E-18	3.01E-17
hsa-miR-138-5p	5569.766553	1.389416701	0.124466968	11.16269308	6.21E-29	2.94E-27	hsa-miR-138-5p	5569.766553	0.658181221	0.124680837	5.278928466	1.30E-07	1.07E-06
hsa-miR-26a-5p	252890.1089	0.537222106	0.048355947	11.10974221	1.12E-28	5.01E-27	hsa-miR-26a-5p	252890.1089	0.494033295	0.048360804	10.21557239	1.69E-24	5.05E-23
hsa-miR-181a-3p	352.152208	-1.642973128	0.149164837	-11.01448008	3.25E-28	1.37E-26	hsa-miR-181a-3p	352.152208	0.20209089	0.148570811	1.360227794	0.173756268	0.325321976
hsa-miR-152-3p	682.1636048	1.055659574	0.09618515	10.97566493	5.00E-28	1.99E-26	hsa-miR-152-3p	682.1636048	1.012578495	0.096959847	10.43940054	1.64E-25	5.30E-24
hsa-miR-411-5p	29.28672028	-3.617515378	0.333754203	-10.837686087	2.25E-27	8.53E-26	hsa-miR-411-5p	29.28672028	-2.167356629	0.2291342613	-7.439874019	1.01E-17	1.48E-12
hsa-miR-205-5p	3502.58479	1.854294769	0.172656017	10.73982131	6.62E-27	2.39E-25	hsa-miR-205-5p	3502.58479	2.075220286	0.172683407	12.01748519	2.88E-33	1.24E-31
hsa-miR-7641	534.6834525	1.798888881	0.170512089	10.54990232	5.08E-26	1.75E-24	hsa-miR-7641	534.6834525	-0.307354883	0.175152571	-1.754783734	0.079296307	0.17807292
hsa-miR-4454	1263.733943	-1.094270959	0.105022967	-10.41945505	2.02E-25	6.65E-24	hsa-miR-4454	1263.733943	-2.552744369	0.109323396	-2.335039394	1.37E-120	1.06E-117
hsa-miR-582-5p	163.5687844	1.522425053	0.149767653	10.16521573	2.83E-24	8.94E-22	hsa-miR-582-5p	163.5687844	0.432367263	0.157694742	2.741798854	0.006110375	0.020464488
hsa-miR-522-3p	57.39013694	-1.785493567	0.180098226	-9.913998613	3.62E-23	1.05E-21	hsa-miR-522-3p	57.39013694	-1.307465224	0.158884835	-8.228825599	1.89E-16	3.42E-15
hsa-miR-641	205.1653473	-1.108921246	0.116505725	-9.518169539	1.76E-21	4.94E-20	hsa-miR-641	205.1653473	-1.209056447	0.120666976	-10.01977911	1.25E-23	3.59E-22
hsa-miR-29a-3p	31517.04788	0.929097449	0.097939336	9.486458559	2.39E-21	6.46E-20	hsa-miR-29a-3p	31517.04788	0.769310135	0.097962213	7.853131445	4.06E-15	6.43E-14
hsa-miR-301b-3p	4472.988587	0.918848671	0.098789295	9.30109552	1.39E-20	3.63E-19	hsa-miR-301b-3p	4472.988587	0.056322117	0.099204988	0.56773533	0.570214698	0.720417594
hsa-miR-181a-5p	174.7860416	-1.341863826	0.148015997	-9.06567612	1.24E-19	3.12E-18	hsa-miR-181a-5p	174.7860416	-1.797016908	0.155756455	-11.59735108	8.55E-31	3.02E-29
hsa-miR-532-5p	1125.468773	0.695654237	0.078239191	8.891378141	6.04E-19	7.74E-18	hsa-miR-532-5p	1125.468773	0.260229184	0.079553692	3.271742345	0.001068869	0.004417614
hsa-miR-654-3p	13.42200058	-4.235387462	0.485539405	-8.723056087	2.71E-18	6.21E-17	hsa-miR-654-3p	13.42200058	-2.664410675	0.44096176	-6.042271504	1.52E-09	1.48E-08
hsa-miR-424-5p	1822.764579	1.094784659	0.128748952	8.503251005	1.84E-17	4.10E-16	hsa-miR-424-5p	1822.764579	-1.24155735	0.129787089	-0.95610827	0.338763722	0.514100414
hsa-miR-29b-3p	2042.461103	1.423293364	0.172893365	8.232208257	1.84E-16	3.98E-15	hsa-miR-29b-3p	2042.461103	1.383338964	0.173027864	7.994891296	1.30E-15	2.19E-14
hsa-miR-137	299.622076	0.980964467	0.102459083	8.010548855	2.66E-15	2.45E-14	hsa-miR-137	299.622076	0.799597437	0.124392593	6.428018196	1.29E-10	1.40E-09
hsa-miR-15a-5p	4056.027498	0.7941958823	0.100456659	7.905831854	2.66E-15	5.45E-14	hsa-miR-15a-5p	4056.027498	0.288496292	0.1100762826	2.862854331	0.004198435	0.014694524
hsa-miR-146a-3p	85.58332522	-1.367936819	0.173368172	-7.890396381	3.01E-15	6.00E-14	hsa-miR-146a-3p	85.58332522	-0.064666979	0.161050284	-0.40147075	0.688073566	0.812862957
hsa-miR-582-3p	2254.151628	-1.377295922	0.175679377	-7.838627006	4.51E-15	8.76E-14	hsa-miR-582-3p	2254.151628	-0.950053534	0.175650409	-5.408774958	6.35E-08	5.54E-07
hsa-miR-149-5p	413.1603781	1.085384459	0.140068176	7.74893076	9.29E-15	1.72E-13	hsa-miR-149-5p	413.1603781	0.582480846	0.142038162	4.100363896	6.34E-05	0.0002335672
hsa-miR-887-3p	47.02030475	-1.683409734	0.217253319	-7.748603053	9.29E-15	1.72E-13	hsa-miR-887-3p	47.02030475	-2.177444063	0.238276042	-9.138334015	4.13E-07	1.59E-18
hsa-miR-200b-5p	20.23680555	-2.679282529	0.330848498	-7.636579725	2.23E-14	4.02E-13	hsa-miR-200b-5p	20.23680555	-1.758679053	0.332859984	-5.28354004	1.27E-07	1.06E-06
hsa-miR-130a-3p	14847.06589	0.577320817	0.07561373	7.620258449	2.53E-14	4.46E-13	hsa-miR-130a-3p	14847.06589	0.148262351	0.075866838	1.954424489	0.05067231	0.123424404
hsa-miR-1303	50.40612479	-1.531229154	0.204476755	-7.438852433	6.97E-14	1.20E-12	hsa-miR-1303	50.40612479	-1.065488238	0.202553362	-5.260232208	1.44E-07	1.18E-06
hsa-miR-260-5p	22825.132	0.658741603	0.088628648	7.432063566	1.06E-13	1.79E-12	hsa-miR-260-5p	22825.132	0.634012631	0.08865558	7.151412609	8.59E-13	1.47E-11
hsa-miR-17-3p	1121.517951	0.875036608	0.11855936	7.380573564	1.58E-13	2.59E-12	hsa-miR-17-3p	1121.517951	0.159021527	0.119729129	1.32817743	0.184119499	0.340621073
hsa-miR-550a-3p	78.15896799	-1.514419682	0.207675314	-7.2922246971	3.05E-13	4.91E-12	hsa-miR-550a-3p	78.15896799	-0.547794419	0.200473779	-2.732499089	0.006285585	0.020871364

hsa-mir-30e-3p	6419.898723	-0.493829758	0.068134995	-7.247813765	4.24E-13	6.68E-12	hsa-mir-30e-3p	6419.898723	-0.280587042	0.068197841	-4.114309743	3.88E-05	0.000223511
hsa-mir-30a-5p	48.523943	1.513963429	0.209442818	7.228521877	4.88E-13	7.54E-12	hsa-mir-30a-5p	48.523943	-0.157463889	0.236760899	-0.665075607	0.596002135	0.6596790569
hsa-mir-301a-3p	9398.4455683	0.671075396	0.092894728	7.224041787	5.05E-13	7.64E-12	hsa-mir-301a-3p	9398.4455683	0.024432193	0.039306953	0.2661324681	0.793842135	0.884957444
hsa-mir-455-5p	954.6964002	0.933054622	0.129800844	7.188355606	6.56E-13	9.73E-12	hsa-mir-455-5p	954.6964002	0.314039507	0.130903288	2.399019252	0.01644905	0.047660978
hsa-mir-561-5p	3088.173101	-0.910186049	0.12667332	-7.183501909	6.71E-13	9.76E-12	hsa-mir-561-5p	3088.173101	0.052359377	0.126406777	0.414213371	0.67871785	0.806627655
hsa-mir-1262	85.06215494	-1.80492697	0.164490234	-7.176673444	7.14E-13	1.02E-11	hsa-mir-1262	85.06215494	-1.289022252	0.171522702	-7.51516959	5.68E-14	8.49E-13
hsa-mir-660-5p	696.4884382	0.67664825	0.096548141	7.008402658	2.41E-12	3.38E-11	hsa-mir-660-5p	696.4884382	0.359883365	0.097981126	3.672578399	0.000240115	0.001173394
hsa-mir-106b-5p	946.1814405	0.756298079	0.108354275	6.979866762	2.95E-12	4.07E-11	hsa-mir-106b-5p	946.1814405	0.1133220578	0.109787499	1.031202128	0.30241412	0.481163136
hsa-mir-335-3p	156.627618	0.796382898	0.114549896	6.952279525	3.59E-12	4.77E-11	hsa-mir-335-3p	156.627618	-2.580647496	0.172151707	-14.9905426	8.47E-51	7.31E-49
hsa-mir-33b-5p	460.3247931	1.44575247	0.207940161	6.925332229	3.58E-12	4.77E-11	hsa-mir-33b-5p	460.3247931	0.726217462	0.209301772	3.469972831	0.000520511	0.002337786
hsa-mir-30c-2-3p	1577.449105	-0.747098347	0.109762297	-6.806434007	1.00E-11	1.31E-10	hsa-mir-30c-2-3p	1577.449105	-0.1620748524	0.109546298	-1.479507092	0.139004837	0.27274434
hsa-mir-3614-5p	57.85485634	1.546071378	0.222722768	6.804060055	1.02E-11	1.31E-10	hsa-mir-3614-5p	57.85485634	1.447481548	0.230984303	6.266579706	3.69E-10	6.82E-09
hsa-mir-190-3p	7312.017965	0.756066498	0.111195416	6.799439426	1.05E-11	1.33E-10	hsa-mir-190-3p	7312.017965	0.461001984	0.111308253	4.14166938	3.45E-05	0.000201428
hsa-mir-339-5p	129.3143059	0.890934329	0.132151621	6.741758594	1.56E-11	1.94E-10	hsa-mir-339-5p	129.3143059	0.793751541	0.135626912	5.885246344	4.84E-09	4.43E-08
hsa-mir-421	3490.112886	-0.366865428	0.054618669	-6.716850367	1.86E-11	2.27E-10	hsa-mir-421	3490.112886	-0.271337212	0.054866006	-4.945452208	7.60E-07	5.52E-06
hsa-mir-181b-3p	203.1482792	-1.148665691	0.171051175	-6.704810359	2.02E-11	2.42E-10	hsa-mir-181b-3p	203.1482792	0.230495462	0.165804959	1.390160236	0.164480225	0.311710085
hsa-mir-899-3p	5.739874971	-3.521053438	0.5312020362	-6.630731491	3.34E-11	3.95E-10	hsa-mir-899-3p	5.739874971	-2.146888916	0.506715287	-4.236874182	2.27E-05	0.000135469
hsa-mir-32-5p	168.3456809	1.182995728	0.18475271	6.403130582	1.52E-10	1.77E-09	hsa-mir-32-5p	168.3456809	0.884701497	0.18731319	4.723113707	2.32E-06	1.53E-05
hsa-mir-920-3p	9269.748105	0.615663302	0.09647574	6.381534883	1.75E-10	2.01E-09	hsa-mir-920-3p	9269.748105	-0.529894898	0.096762772	-5.476226903	4.34E-08	3.84E-07
hsa-let-7g-5p	28469.50881	0.49022346	0.076929744	6.379044084	1.85E-10	2.09E-09	hsa-let-7g-5p	28469.50881	0.338856144	0.076963793	4.400200817	1.08E-05	6.62E-05
hsa-mir-147b	181.965516	-1.168566701	0.184958521	-6.31799319	2.65E-10	2.95E-09	hsa-mir-147b	181.965516	0.523985569	0.177823808	2.94665587	0.003212305	0.011449361
hsa-mir-146a-5p	82182.66806	-1.333338809	0.21166918	-6.299329188	2.99E-10	3.28E-09	hsa-mir-146a-5p	82182.66806	-0.170302659	0.211655463	-0.804622079	0.421037797	0.5968612592
hsa-mir-22-3p	624042.8787	0.409247973	0.064999933	6.296717922	3.04E-10	3.29E-09	hsa-mir-22-3p	624042.8787	0.1302465743	0.064997892	20.0388431	2.54E-89	6.58E-87
hsa-mir-4435	21.89532984	-1.947184921	0.310144949	-6.278348018	3.42E-10	3.65E-09	hsa-mir-4435	21.89532984	-1.921394873	0.320629142	-5.99257161	2.07E-09	1.98E-08
hsa-mir-330-5p	1126.253718	0.915008201	0.150469338	6.081027618	1.19E-09	1.26E-08	hsa-mir-330-5p	1126.253718	0.481576679	0.1510961	3.187221104	0.001436469	0.005723777
hsa-mir-218-5p	1543.714515	0.817983739	0.135525758	6.036533009	1.58E-09	1.64E-08	hsa-mir-218-5p	1543.714515	0.388342343	0.136046359	2.884485371	0.004310662	0.01501966
hsa-mir-29c-3p	1028.87084	0.782788788	0.132297354	5.916889206	3.42E-09	3.36E-08	hsa-mir-29c-3p	1028.87084	0.498596427	0.132943471	3.750158355	0.000176723	0.000888895
hsa-mir-152-5p	250.299868	0.84221132	0.142496961	5.910406628	3.41E-09	3.44E-08	hsa-mir-152-5p	250.299868	2.209999627	0.138760077	15.92674545	4.13E-57	4.01E-55
hsa-mir-181b-2-3p	81.62205315	-1.084766542	0.186273429	-5.823528057	5.76E-09	5.74E-08	hsa-mir-181b-2-3p	81.62205315	-0.923164977	0.188844832	-4.88844201	1.02E-06	7.18E-06
hsa-mir-31-5p	45082.27763	0.288406956	0.050268241	5.737359201	9.62E-09	9.45E-08	hsa-mir-31-5p	45082.27763	0.4428235947	0.050282317	8.806792808	1.29E-18	2.94E-17
hsa-mir-516a-5p	108.6147032	-0.984419163	0.172173205	-5.717609559	1.08E-08	1.05E-07	hsa-mir-516a-5p	108.6147032	-1.825556505	0.18660336	-9.783130673	1.33E-22	3.56E-21
hsa-mir-550a-5p	154.8134969	-0.931024568	0.163389256	-5.69819943	1.21E-08	1.16E-07	hsa-mir-550a-5p	154.8134969	0.55184505	0.155681087	3.544714773	0.000393038	0.001828686
hsa-mir-29a-5p	263.9911845	0.780583797	0.13950583	5.595348953	2.20E-08	2.08E-07	hsa-mir-29a-5p	263.9911845	1.0133664489	0.139980903	7.241448412	4.44E-13	6.39E-12
hsa-mir-548e-5p	73.59296608	-0.825096474	0.149396927	-5.522847693	3.34E-08	3.12E-07	hsa-mir-548e-5p	73.59296608	-1.140198224	0.161145402	-7.075566435	1.49E-12	1.96E-11
hsa-mir-193b-5p	19.6551514	-1.826192375	0.333119403	-5.482095486	4.20E-08	3.88E-07	hsa-mir-193b-5p	19.6551514	-0.852717488	0.317598974	-2.684887412	0.007255424	0.023887562
hsa-mir-3129-3p	39.65298963	-1.186866049	0.219061208	-5.417965404	6.03E-08	5.50E-07	hsa-mir-3129-3p	39.65298963	-1.194035048	0.227160821	-5.256342371	1.47E-07	1.18E-06
hsa-mir-671-3p	345.0779095	-0.912999939	0.168816663	-5.408233539	6.36E-08	6.96E-07	hsa-mir-671-3p	345.0779095	-0.145207939	0.167648775	-0.866143751	0.386411335	0.560762222
hsa-mir-210-5p	122.102132	1.194770708	0.222434599	5.371334834	7.82E-08	6.96E-07	hsa-mir-210-5p	122.102132	1.53497131	0.222558483	6.886934644	5.31E-12	6.35E-11
hsa-mir-1285-3p	465.2000038	-0.487863	0.091281514	-5.344596049	9.06E-08	7.98E-07	hsa-mir-1285-3p	465.2000038	-0.600132494	0.0993300737	-6.432327481	1.26E-10	1.38E-09
hsa-mir-484	2356.609345	0.362707612	0.067990676	5.334666927	9.57E-08	8.33E-07	hsa-mir-484	2356.609345	0.319005334	0.06897832	4.624718817	3.75E-06	2.39E-05
hsa-mir-374a-5p	718.6810692	0.721498495	0.135858271	5.318498959	1.05E-07	9.30E-07	hsa-mir-374a-5p	718.6810692	0.486778668	0.136477141	3.640013723	0.000272624	0.001315705
hsa-mir-450a-5p	243.8905037	0.729926004	0.137822168	5.296143687	1.18E-07	1.01E-06	hsa-mir-450a-5p	243.8905037	-0.187707905	0.143488146	-1.308177082	0.190813253	0.349674287
hsa-mir-3163	20.17734969	-1.65444478	0.316534797	-5.226739033	1.73E-07	1.45E-06	hsa-mir-3163	20.17734969	-0.337935433	0.292000066	-1.157312867	0.247144558	0.442048681
hsa-mir-155-5p	22124.17335	0.611885254	0.11836164	5.169322989	2.53E-07	2.09E-06	hsa-mir-155-5p	22124.17335	-0.023666352	0.118419385	-0.2000200	0.841464236	0.919756567
hsa-mir-942-5p	190.0935597	-0.697890881	0.133589199	-5.1547401309	2.54E-07	1.95E-06	hsa-mir-942-5p	190.0935597	-1.290439519	0.142831968	-9.034699578	1.64E-19	3.99E-18
hsa-mir-629-5p	149.1763913	-0.86537275	0.169213974	-5.114087909	3.15E-07	2.57E-06	hsa-mir-629-5p	149.1763913	-0.319719813	0.168021396	-1.902851785	0.057059888	0.133582669
hsa-mir-548av-5p	870.5267962	-0.383935856	0.075159846	-5.108559811	3.25E-07	2.61E-06	hsa-mir-548av-5p/5	870.5267962	-0.528628466	0.076541061	-6.904646899	4.97E-12	6.03E-11
/548k	31.3239792	-1.308875243	0.26021087	-5.03005599	4.90E-07	3.91E-06	hsa-mir-195-3p	31.3239792	-1.064177925	0.262915604	-4.047602768	5.17E-05	0.00028925
hsa-let-7f-1-3p	244.6331745	-0.859938148	0.17573788	-4.983014504	6.26E-07	4.89E-06	hsa-let-7f-1-3p	244.6331745	0.526503494	0.168536295	3.123976911	0.001784245	0.006663159
hsa-mir-101-3p	12864.75804	0.840418877	0.168831241	4.987555519	6.24E-07	4.89E-06	hsa-mir-101-3p	12864.75804	0.260182837	0.168690287	1.5423639991	0.122298371	0.251469322

hsa-mir-3681-5p	7.919238811	-2.394546881	0.483861407	-4.948828	7.47E-07	5.77E-06	hsa-mir-3681-5p	7.919238811	-0.150953183	0.434500913	-0.347417412	0.728277754	0.837088484
hsa-mir-497-5p	88.32922669	-0.780447306	0.159175337	-4.90366787	9.44E-07	7.21E-06	hsa-mir-497-5p	88.32922669	-1.470756688	0.157121793	-8.712423909	2.97E-18	6.42E-17
hsa-mir-148b-3p	13294.36846	0.267130636	0.054550694	4.896924562	9.73E-07	7.37E-06	hsa-mir-148b-3p	13294.36846	0.508782163	0.054548466	8.62644433	6.33E-18	1.33E-16
hsa-mir-18a-5p	519.4247638	0.538024675	0.112735881	4.772435112	1.82E-06	1.36E-05	hsa-mir-18a-5p	519.4247638	0.043814191	0.114891713	0.381335204	0.702942033	0.822266216
hsa-mir-4661-5p	185.2226352	-1.003973355	0.211012957	4.75788486	1.96E-06	1.45E-05	hsa-mir-4661-5p	185.2226352	0.086855629	0.20794329	0.465779053	0.64137366	0.779886282
hsa-mir-548	17.73938436	-1.405486055	0.295789815	4.751637762	2.02E-06	1.48E-05	hsa-mir-548	17.73938436	-1.362451131	0.306286861	-4.448284609	8.66E-06	5.34E-05
hsa-mir-153-3p	13.69635957	1.657788544	0.349039348	4.745656353	2.04E-06	1.48E-05	hsa-mir-153-3p	13.69635957	1.215933396	0.36253241	3.353999154	0.000796556	0.003419341
hsa-mir-10b-3p	206.3133395	0.514597064	0.109988317	4.678844939	2.88E-06	2.08E-05	hsa-mir-10b-3p	206.3133395	0.44270515	0.112660701	3.929543738	8.51E-05	0.000494852
hsa-mir-3196	53.03928639	0.867323737	0.185639779	4.672079117	2.98E-06	2.13E-05	hsa-mir-3196	53.03928639	0.021123252	0.201723615	0.104713828	0.916602889	0.963735379
hsa-mir-4662-5p	14.80846345	-1.566955474	0.337580785	-4.641719916	3.46E-06	2.44E-05	hsa-mir-4662-5p	14.80846345	-1.136518444	0.335721236	-3.385433274	0.00071066	0.00308482
hsa-mir-196b-5p	3582.498282	-0.379038184	0.081742285	-4.639090316	3.55E-06	2.46E-05	hsa-mir-196b-5p	3582.498282	-1.400156838	0.082760502	-1.678187713	3.31E-64	5.14E-62
hsa-mir-455-3p	66.49274248	0.821086078	0.170722196	4.637013011	4.60E-06	3.17E-05	hsa-mir-455-3p	66.49274248	0.433136269	0.185155992	2.33962867	0.01930261	0.054738576
hsa-mir-3150b-3p	3.589517064	-2.510228464	0.547834193	-4.582095267	4.60E-06	3.17E-05	hsa-mir-3150b-3p	3.589517064	-0.748300505	0.52946756	-1.413307559	0.157565312	0.300806505
hsa-mir-50c-1-3p	31.7334633	-0.624580459	0.136566489	-4.573516914	4.80E-06	3.27E-05	hsa-mir-50c-1-3p	31.7334633	-1.00975104	0.139850827	-7.220200712	5.19E-13	7.20E-12
hsa-mir-19a-3p	3994.26563	0.592611158	0.130809252	4.530345886	5.89E-06	3.94E-05	hsa-mir-19a-3p	3994.26563	0.416949321	0.130952938	3.183963097	0.001452735	0.005759058
hsa-mir-409-3p	3.944843922	-2.434868825	0.540194801	-4.507390337	6.56E-06	4.36E-05	hsa-mir-409-3p	3.944843922	-0.185028708	0.505744018	-0.365854467	0.714473675	0.828576187
hsa-mir-577	1854.311356	0.341228221	0.076410031	4.465715609	7.98E-06	5.25E-05	hsa-mir-577	1854.311356	-0.64317485	0.078063939	-8.229077564	1.74E-16	3.21E-15
hsa-mir-574-5p	147.4446539	0.81910662	0.185620082	4.454171916	1.02E-05	6.66E-05	hsa-mir-574-5p	147.4446539	0.185042231	0.185042231	7.145038484	9.00E-13	4.39E-06
hsa-mir-128-3p	2331.449826	0.312949089	0.17062717	4.354818473	1.33E-05	8.62E-05	hsa-mir-128-3p	2331.449826	-0.36393883	0.072883311	-4.993305385	5.94E-07	4.39E-06
hsa-mir-659-5p	58.78354008	0.972355658	0.223613412	4.348391493	1.37E-05	8.80E-05	hsa-mir-659-5p	58.78354008	1.31212835	0.22387525	5.861178644	4.60E-09	4.25E-08
hsa-mir-196a-3p	54.44915415	0.897347128	0.2104535	4.263873633	2.01E-05	0.000127808	hsa-mir-196a-3p	54.44915415	0.387883386	0.219728269	1.765286678	0.077515597	0.174578606
hsa-mir-3129-5p	40.03034128	-1.167291759	0.274233338	-4.256566107	2.08E-05	0.000130955	hsa-mir-3129-5p	40.03034128	-0.8109795	0.274441108	-2.955021953	0.003126468	0.0112466
hsa-mir-27a-5p	2543.709729	-0.554898493	0.13059213	-4.249095706	2.15E-05	0.00013428	hsa-mir-27a-5p	2543.709729	1.334421829	0.129813726	10.27794469	8.86E-25	2.75E-23
hsa-mir-25-5p	254.7052563	-1.035855352	0.244039486	-4.244700186	2.19E-05	0.000135817	hsa-mir-25-5p	254.7052563	-1.140764638	0.245410202	-4.648399412	3.35E-06	2.15E-05
hsa-mir-891a-5p	213.3954846	-0.7473787968	0.176751701	-4.22846657	2.35E-05	0.000143643	hsa-mir-891a-5p	213.3954846	-1.002892619	0.179799774	-5.577830239	2.44E-08	2.20E-07
hsa-mir-99a-5p	1062.692178	0.467449007	0.110508994	4.229696464	2.34E-05	0.000145643	hsa-mir-99a-5p	1062.692178	0.248792923	0.111227541	2.236219874	0.025337372	0.0685963
hsa-mir-625-3p	1598.625211	0.332800847	0.078880821	4.223317012	2.41E-05	0.000149788	hsa-mir-625-3p	1598.625211	-0.749985966	0.078749268	9.5237199	1.67E-21	4.33E-20
hsa-mir-199a-3p	24.65931773	-1.170557085	0.277331105	-4.220792627	2.43E-05	0.00014626	hsa-mir-199a-3p	24.65931773	-0.60365497	0.277896154	-2.221925671	0.026288329	0.070923722
hsa-mir-17-5p	4523.582359	0.488998076	0.116906011	4.182830908	2.88E-05	0.000171607	hsa-mir-17-5p/106a	4523.582359	-0.221101154	0.117219038	-1.800147346	0.071837375	0.165140949
hsa-mir-33a-5p	317.7716265	0.853376535	0.204400246	4.175026936	2.98E-05	0.00017621	hsa-mir-33a-5p	317.7716265	-0.117825076	0.207241356	-0.568540367	0.569668104	0.720417594
hsa-mir-627-5p	93.28701561	-0.698147373	0.168224741	-4.150087364	3.32E-05	0.000193601	hsa-mir-627-5p	93.28701561	-0.604314483	0.17122165	-3.529427987	0.000416459	0.001926123
hsa-mir-93-5p	7506.739325	0.270307713	0.065134357	4.150002025	3.32E-05	0.000193601	hsa-mir-93-5p	7506.739325	-0.444632358	0.065506509	-6.78760575	1.14E-11	1.28E-10
hsa-mir-194-5p	195.3663566	0.483972492	0.117602755	4.115315942	3.87E-05	0.000222343	hsa-mir-194-5p	195.3663566	-0.178727935	0.124266326	-1.438265224	0.150358815	0.290618904
hsa-mir-1260b	44.06965697	1.394799229	0.340934407	4.091107263	4.29E-05	0.000246208	hsa-mir-1260b	44.06965697	2.074090463	0.33921151	6.114434461	9.69E-10	9.65E-09
hsa-mir-374b-5p	514.432078	0.371597837	0.091403702	4.065457161	4.79E-05	0.000272852	hsa-mir-374b-5p	514.432078	0.643886123	0.091697439	7.021309739	2.20E-12	2.80E-11
hsa-mir-34c-5p	747.7546225	0.414760899	0.102189714	4.058734337	4.93E-05	0.000278731	hsa-mir-34c-5p	747.7546225	0.360896847	0.10298041	3.504519413	0.000457432	0.002090734
hsa-mir-299-3p	4.02831925	-2.18430781	0.540336035	-4.04249887	5.29E-05	0.000296545	hsa-mir-299-3p	4.02831925	-1.751929974	0.539492611	-3.2447366025	0.001164785	0.004763357
hsa-mir-324-3p	242.9754837	0.733656295	0.107463678	4.035755531	5.45E-05	0.00030344	hsa-mir-324-3p	242.9754837	-0.031602837	0.112161653	-0.281759876	0.778127639	0.883706691
hsa-mir-4662a-5p	370.775784	-0.511875245	0.12850192	-4.029957564	5.58E-05	0.000308253	hsa-mir-4662a-5p	370.775784	0.155542653	0.127476465	1.220169953	0.222400796	0.383765183
hsa-mir-196a-5p	1741.885971	-0.377759407	0.093997273	-4.018833677	5.85E-05	0.000320831	hsa-mir-196a-5p	1741.885971	-0.851785997	0.094955941	-8.970328656	2.96E-19	6.96E-18
hsa-mir-3677-3p	75.00681967	0.7317103943	0.184174491	3.972884294	7.10E-05	0.00038671	hsa-mir-3677-3p	75.00681967	0.331743889	0.1912674	1.734450764	0.082838135	0.1383900659
hsa-mir-1294	22.37847542	-1.046930265	0.262390484	-3.972103955	7.28E-05	0.00039337	hsa-mir-1294	22.37847542	-1.114667308	0.274672026	-4.058117289	4.95E-05	0.000206469
hsa-mir-216b-5p	1.76265724	-2.154679879	0.549368378	-3.922103955	8.78E-05	0.000471268	hsa-mir-216b-5p	1.76265724	-2.062684926	0.545871968	-3.778697282	0.000157651	0.000800619
hsa-mir-195-5p	56.70028377	-0.825522681	0.21131583	-3.908140387	9.30E-05	0.000495831	hsa-mir-195-5p	56.70028377	-1.192839916	0.222223981	-5.367737133	7.97E-08	6.81E-07
hsa-mir-324-5p	86.44164079	0.630586357	0.162298754	3.883434319	0.000102185	0.00054094	hsa-mir-324-5p	86.44164079	0.515888196	0.166744095	3.09389184	0.001975495	0.007487608
hsa-mir-4706-5p	70.99025956	-0.775359704	0.200786607	-3.861610674	0.000112422	0.00054094	hsa-mir-4706-5p	70.99025956	-1.030318016	0.208518471	-4.941135487	7.77E-07	5.59E-06
hsa-mir-3200-3p	32.17727285	1.068617493	0.22771452	3.855792927	0.000115544	0.000602226	hsa-mir-3200-3p	32.17727285	0.711170741	0.208491625	2.491103883	0.012737018	0.030806407
hsa-mir-216a-3p	4.336576962	-2.102733919	0.548155482	-3.836028921	0.000125204	0.000648324	hsa-mir-216a-3p	4.336576962	-1.550941068	0.546564404	-2.837618138	0.004545152	0.015695926
hsa-let-7e-3p	51.5852128	-0.835623156	0.219374287	-3.809120776	0.000139462	0.000718181	hsa-let-7e-3p	51.5852128	0.353688141	0.207908813	1.701169542	0.088911155	0.19189991

hsa-miR-4677-3p	245.3480145	-0.677019216	0.178746606	-3.787592008	0.000152114	0.000778004	hsa-miR-4677-3p	245.3480145	-0.566376265	0.179750318	-3.150905486	0.001627652	0.0006223426
hsa-miR-151a-3p	67414.48534	0.256126968	0.067797466	3.777825405	0.000158702	0.000803761	hsa-miR-151a-3p	67414.48534	-0.110785036	0.067822896	-1.632981634	0.102491612	0.215829464
hsa-miR-940	53.29089108	0.855170364	0.226713296	3.772034355	0.000161924	0.000881766	hsa-miR-940	53.29089108	0.582305986	0.232863096	2.499477614	0.0124737656	0.037312967
hsa-miR-4461	58.19951322	-0.748256257	0.198567269	-3.768279904	0.000164379	0.000824072	hsa-miR-4461	58.19951322	0.858418782	0.187919496	4.750006502	2.03E-06	1.39E-05
hsa-miR-10a-3p	1516.279745	0.246800552	0.066477611	3.715244119	0.000203008	0.001011031	hsa-miR-10a-3p	1516.279745	0.318978288	0.066915734	4.766885284	1.87E-06	1.29E-05
hsa-miR-345-5p	4782.048529	-0.33520606	0.309509026	-3.703564985	0.000212591	0.001051838	hsa-miR-345-5p	4782.048529	-0.690759775	0.299081564	-7.606511776	2.82E-14	5.29E-13
hsa-miR-6842-3p	29.00043411	-1.139484629	0.005986575	-0.731684629	0.00021606	0.001062060	hsa-miR-6842-3p	29.00043411	0.388557802	0.09953144	-1.295394843	0.195184056	0.355958996
hsa-miR-101-5p	51.48628501	0.7313217371	0.200060457	3.67997446	0.000233257	0.001199199	hsa-miR-101-5p	51.48628501	0.715302418	0.204615144	3.4958442989	0.000472567	0.002147277
hsa-miR-3613-5p	75.81018582	0.675951728	0.185273365	3.648402065	0.000263876	0.001280477	hsa-miR-3613-5p	75.81018582	0.075572124	0.194361946	0.388821607	0.697408116	0.819797438
hsa-miR-6087	37.63840051	0.807283552	0.222651773	3.62576746	0.000288105	0.0013369141	hsa-miR-6087	37.63840051	0.353075368	0.234286412	1.507024521	0.131804372	0.260590323
hsa-miR-3155a	5.595192262	-1.818600589	0.50370182	-3.6110629379	0.000304458	0.001454273	hsa-miR-3155a	5.595192262	-0.480693147	0.480685015	-0.773921242	0.438977367	0.61524541
hsa-miR-542-3p	398.598346	0.519531842	0.143851028	3.61195631	0.000305415	0.001454273	hsa-miR-542-3p	398.598346	0.372012334	0.480685015	-0.773921242	0.438977367	0.61524541
hsa-miR-502-3p	75.434496	0.569030585	0.158103583	3.599099867	0.000319321	0.001510785	hsa-miR-502-3p	75.434496	0.05072132	0.168219791	0.301518147	0.763019414	0.866763282
hsa-miR-148a-3p	2971.253254	0.37829735	0.105260776	3.559396162	0.000325757	0.001516666	hsa-miR-148a-3p	2971.253254	-0.448247064	0.116221289	-1.354500079	8.48E-42	5.07E-40
hsa-miR-100-5p	574519.3604	0.416666915	0.116220575	3.585138977	0.000336899	0.001574274	hsa-miR-100-5p	574519.3604	0.448247064	0.116221289	-1.354500079	8.48E-42	5.07E-40
hsa-miR-454-3p	1205.295203	0.289718787	0.081178244	3.568921603	0.000358454	0.001664472	hsa-miR-454-3p	1205.295203	-0.42556278	0.082997136	-5.126999518	2.94E-07	2.22E-06
hsa-miR-183-5p	8834.237202	0.163525029	0.045947747	3.558934635	0.000372362	0.001708353	hsa-miR-183-5p	8834.237202	0.372256146	0.04600781	8.091151112	0.000626024	0.002765753
hsa-miR-4645-3p	34.52831691	-1.083656045	0.304239816	-3.561848217	0.000368253	0.001699803	hsa-miR-4645-3p	34.52831691	-1.057608447	0.309234871	-3.420081448	0.000626024	0.002765753
hsa-miR-183-5p	8834.237202	0.163525029	0.045947747	3.558934635	0.000372362	0.001708353	hsa-miR-183-5p	8834.237202	0.372256146	0.04600781	8.091151112	0.000626024	0.002765753
hsa-miR-203a-3p	19.40205946	1.23370083	0.347159903	3.524937723	0.000423583	0.001920075	hsa-miR-203a-3p	19.40205946	-0.551520469	0.136487725	-4.008006366	5.33E-05	0.000293539
hsa-miR-450b-5p	798.0633631	0.473619983	0.143462672	3.524937723	0.000423583	0.001920075	hsa-miR-450b-5p	798.0633631	-0.551520469	0.136487725	-4.008006366	5.33E-05	0.000293539
hsa-miR-20b-5p	2745.905614	0.315838955	0.09059162	3.486398202	0.000489572	0.002020587	hsa-miR-20b-5p	2745.905614	-0.150130741	0.091111584	-1.647609111	0.009416114	0.210480438
hsa-miR-1288b	14.14746199	1.36747812	0.3924947	3.448407736	0.000498354	0.002212117	hsa-miR-1288b	14.14746199	1.438861879	0.396186279	3.6317812	0.000281472	0.001350022
hsa-miR-1298-5p	11.1397623	-1.364803435	0.396611385	-3.445483135	0.000570094	0.002538353	hsa-miR-1298-5p	11.1397623	-1.27732345	0.403589651	-3.164909655	0.00151329	0.0068779
hsa-miR-3605-3p	90.39219587	-0.62521206	0.182291203	-3.425492777	0.000604189	0.002674686	hsa-miR-3605-3p	90.39219587	-0.742776934	0.187280148	-3.969991654	7.37E-05	0.000394967
hsa-miR-425-5p	2877.582962	-0.32297203	0.094839771	-3.405494199	0.00060553	0.002907201	hsa-miR-425-5p	2877.582962	-0.383138791	0.095108396	-4.028443392	5.61E-05	0.000307229
hsa-miR-3159	18.8562204	-1.353041812	0.399339316	-3.388246671	0.00070341	0.003077926	hsa-miR-3159	18.8562204	-0.341005948	0.389937652	-0.874512492	0.38183922	0.558736486
hsa-le1-c-3p	17.20117523	-1.292600931	0.386063714	-3.348154425	0.000813517	0.00352965	hsa-le1-c-3p	17.20117523	-0.234000005	0.374200537	-0.625566951	0.531612143	0.685016672
hsa-miR-509-3p	44.32083895	0.932356217	0.280064288	3.333229824	0.000861336	0.003725892	hsa-miR-509-3p	44.32083895	-0.592615504	0.280420846	-2.113030793	0.034574449	0.087506017
hsa-miR-3913-5p	29.89120661	-0.876921801	0.263314923	-3.32957469	0.000866981	0.003741171	hsa-miR-3913-5p	29.89120661	-0.325322555	0.259915317	-1.251648262	0.21066906	0.374627901
hsa-miR-708-5p	121.1698651	0.450753345	0.136575596	3.300394501	0.00096549	0.004129243	hsa-miR-708-5p	121.1698651	0.925695489	0.133735567	6.819844718	9.11E-12	1.06E-10
hsa-miR-205-3p	5.72503562	1.810991487	0.549275827	3.29705295	0.000977051	0.00415521	hsa-miR-205-3p	5.72503562	0.674914679	0.554288619	1.217623194	0.223367196	0.389139712
hsa-miR-125b-1-3p	15091.25038	-0.175796646	0.053520176	-3.28467992	0.001020983	0.004317788	hsa-miR-125b-1-3p	15091.25038	0.038401266	0.053551559	0.717089396	0.473318815	0.638427913
hsa-miR-222-3p	84820.88939	0.416788612	0.127421255	3.270950447	0.001071867	0.004507979	hsa-miR-222-3p	84820.88939	0.195410651	0.127429113	1.53348514	0.125156365	0.2539073
hsa-le1-g-3p	71.0349218	0.573025003	0.173563349	3.26764404	0.001084467	0.004510666	hsa-le1-g-3p	71.0349218	0.375105731	0.181230466	2.069771929	0.038473707	0.095508213
hsa-miR-874-3p	99.15706293	0.644933713	0.197290769	3.2688950271	0.001079473	0.004510666	hsa-miR-874-3p	99.15706293	-0.216297681	0.205992376	-1.0500276	0.293705424	0.473892861
hsa-miR-340-5p	2903.894392	0.535638052	0.165127229	3.243788792	0.001179512	0.004879182	hsa-miR-340-5p	2903.894392	0.164148147	0.165340803	0.992786683	0.320813921	0.500547021
hsa-miR-1322	26.09863647	-0.786127251	0.243187649	-3.232595307	0.001226712	0.004992586	hsa-miR-1322	26.09863647	-0.392773943	0.242625748	-1.618846912	0.105480206	0.220317527
hsa-miR-140-3p	7906.914392	0.287216983	0.088810556	3.234041045	0.001220519	0.004992586	hsa-miR-140-3p	7906.914392	0.528943501	0.088837051	5.954086689	2.62E-09	2.45E-08
hsa-miR-182-5p	107347.4816	0.314981199	0.097291931	3.234161164	0.001220006	0.004992586	hsa-miR-182-5p	107347.4816	0.211953769	0.097398494	2.254105237	0.024195209	0.066429957
hsa-miR-625-3p	157.0502826	-0.63577293	0.196902951	-3.228663332	0.001242807	0.005031041	hsa-miR-625-3p	157.0502826	0.20800006	0.19455745	1.069105444	0.285022258	0.465737405
hsa-miR-574-3p	250.457121	-0.6232959786	0.193956337	-3.208287329	0.001333030	0.005367776	hsa-miR-574-3p	250.457121	0.506498949	0.191568293	2.643966034	0.008194218	0.026528814
hsa-miR-576-3p	76.81351757	-0.448457389	0.142404142	-3.149187825	0.001337249	0.005567766	hsa-miR-576-3p	76.81351757	-0.710675728	0.15208349	-4.672931478	2.97E-06	1.94E-05
hsa-miR-1275	515.1363644	-0.5156633247	0.164673602	-3.137316776	0.001705018	0.006793152	hsa-miR-1275	515.1363644	-0.47834287	0.165325587	-2.893338411	0.0003811704	0.013462244
hsa-miR-5480-3p	489.7142613	-0.271829908	0.086711851	-3.133552548	0.001715505	0.006793152	hsa-miR-5480-3p	489.7142613	0.010650093	0.088805033	-4.825186449	1.40E-06	9.79E-06
hsa-miR-3176	154.1538131	0.485712998	0.155511624	3.123331544	0.001788223	0.007015904	hsa-miR-3176	154.1538131	0.008254096	0.160455036	0.066399962	0.947059582	0.978975402
hsa-miR-449a	58.06493822	0.672766328	0.215857424	3.116716189	0.001828775	0.00712969	hsa-miR-449a	58.06493822	1.129490389	0.215054666	5.252107773	1.50E-07	1.19E-06
hsa-miR-198-5p	77.50277933	0.709374684	0.228706399	3.101682712	0.001924241	0.007508807	hsa-miR-198-5p	77.50277933	0.07559785	0.235769772	0.320642672	0.748481196	0.85274173
hsa-miR-191-5p	95145.93679	-0.514272161	0.166097828	-3.09620412	0.001660154	0.007609417	hsa-miR-191-5p	95145.93679	-0.566455841	0.166102151	-3.410286609	0.000648948	0.002833967
hsa-miR-128-1-5p	139.4550333	-0.506629119	0.16392784	-3.090519427	0.001997782	0.007715924	hsa-miR-128-1-5p	139.4550333	-0.529293812	0.166772032	-3.173798428	0.0015934497	0.000534977
hsa-miR-769-5p	6194.072843	0.256611442	0.083132451	3.086850427	0.002022894	0.007773251	hsa-miR-769-5p	6194.072843	0.08198073	0.083293043	0.983972608	0.325128981	0.504241953
hsa-miR-25-3p	25865.03325	0.257492705	0.083830302	3.071594631	0.002129187	0.008140375	hsa-miR-25-3p	25865.03325	-0.450012789	0.083913272	-5.362832101	8.19E-08	6.92E-07

hsa-mir-191-3p	105.4746958	-0.636480845	0.208756476	-3.048915446	0.002296691	0.008736659	hsa-mir-191-3p	105.4746958	-0.636519756	0.209451489	-1.735579715	0.082638175	0.183900659
hsa-mir-135b-3p	69.40746251	-0.650571053	0.214055095	-3.039770649	0.002378157	0.008976192	hsa-mir-135b-3p	69.40746251	-0.5207776252	0.216415127	-2.33196467	0.020168601	0.056985464
hsa-mir-16-5p	138459.2851	0.274302564	0.090302661	3.036999191	0.002899462	0.008999197	hsa-mir-16-5p	138459.2851	-0.230270149	0.090931395	-2.548473303	0.010819557	0.03097621
hsa-mir-7-5p	18.42827707	-0.953506717	0.31417877	-3.034917719	0.002406013	0.009016594	hsa-mir-7-5p	18.42827707	-2.553059625	0.375492517	-6.799165122	1.05E-11	1.20E-10
hsa-mir-425-3p	133.8049087	-0.572705014	0.189502961	-3.022142831	0.002509921	0.009359656	hsa-mir-425-3p	133.8049087	0.266907702	0.186673722	1.429808652	0.152771945	0.293095806
hsa-mir-28-5p	5339.105235	0.198904381	0.066021301	3.012730431	0.002589088	0.009607547	hsa-mir-28-5p	5339.105235	-0.107722261	0.066324265	-1.624180981	0.104337189	0.218517508
hsa-mir-873-3p	55.76390159	-0.7428931577	0.246769078	-3.010229938	0.002614503	0.009639759	hsa-mir-873-3p	55.76390159	-0.651531624	0.226888591	-2.607288395	0.009126226	0.028708879
hsa-mir-331-3p	298.7885467	0.361759751	0.12032006	3.006645373	0.002641477	0.009706788	hsa-mir-331-3p	298.7885467	-0.068487726	0.123618434	-0.556979314	0.577570218	0.726166381
hsa-let-7d-3p	1160.303464	-0.4865295	0.162506764	-2.993912288	0.002754251	0.010023885	hsa-let-7d-3p	1160.303464	0.560162671	0.161956104	3.458731446	0.000542726	0.002409702
hsa-mir-548f-5p	123.9658804	-0.407202163	0.136009669	-2.993920689	0.002758433	0.010023885	hsa-mir-548f-5p	123.9658804	0.570504678	0.139785093	-3.040335175	0.002363315	0.008743655
hsa-mir-99a-3p	97.60580109	0.446760383	0.149533102	2.997702241	0.002810537	0.010180862	hsa-mir-99a-3p	97.60580109	0.570504678	0.151767939	3.769059266	0.000170553	0.00086052
hsa-mir-199a-3p	110.0167091	0.807633471	0.271053726	2.979606602	0.002868188	0.01040402	hsa-mir-199a-3p	110.0167091	1.404473506	0.270265988	5.19663431	2.03E-07	1.55E-06
hsa-mir-548l	22.2144103	-0.78735264	0.265614522	-2.964426804	0.003034039	0.010885153	hsa-mir-548l	22.2144103	-1.341997684	0.290364424	-4.62177034	3.80E-06	2.40E-05
hsa-mir-148a-5p	59.40949185	-0.538022584	0.181668009	-2.961570312	0.003060746	0.010929173	hsa-mir-148a-5p	59.40949185	-1.776623795	0.211311556	-8.407603562	4.18E-17	8.56E-16
hsa-mir-100-3p	12138.65102	0.312396833	0.105625159	2.957598693	0.003100455	0.010189897	hsa-mir-100-3p	12138.65102	-0.131798995	0.105723265	-1.246641361	0.212529029	0.377020674
hsa-mir-15b-3p	130.0312774	0.399217784	0.135666607	2.942650238	0.003254158	0.011511205	hsa-mir-15b-3p	130.0312774	-0.382438731	0.145525833	-2.627978315	0.008589399	0.027353308
hsa-mir-219a-1-3p	15.15411821	-1.253321252	0.426437431	-2.939050753	0.003292192	0.011537912	hsa-mir-219a-1-3p	15.15411821	-1.510953617	0.436576435	-3.46091428	0.000538344	0.002409985
hsa-mir-432b	36.56887337	-0.792086642	0.269376687	-2.940442437	0.003277439	0.011537912	hsa-mir-432b	36.56887337	-1.4171601457	0.286165796	-4.95377671	7.28E-07	5.34E-06
hsa-mir-4485-3p	76.52538735	-0.686894387	0.234431102	-2.930044606	0.003389096	0.011822792	hsa-mir-4485-3p	76.52538735	1.508076261	0.21731639	6.999542204	3.93E-12	4.85E-11
hsa-mir-7-1-3p	54.77157069	-0.589814343	0.203846101	-2.893429601	0.003810597	0.013323221	hsa-mir-7-1-3p	54.77157069	-0.624251542	0.209616932	-2.978058762	0.002900804	0.010508663
hsa-mir-3691-5p	11.53805302	-1.118665003	0.386909066	-2.891282177	0.003836735	0.013323217	hsa-mir-3691-5p	11.53805302	-1.20426627	0.396286434	-2.827315118	0.006494011	0.01613826
hsa-mir-181c-5p	6081.821793	0.340758944	0.118238813	2.881955055	0.003952161	0.013599027	hsa-mir-181c-5p	6081.821793	0.01781955	0.118382435	0.150525283	0.880350205	0.938315651
hsa-mir-479b-3p	1.698933296	-1.50490697	0.352506605	-2.853502638	0.004590054	0.014775733	hsa-mir-479b-3p	1.698933296	-1.154319769	0.526803813	-2.191175806	0.028433714	0.075416927
hsa-mir-3687	15.52657048	0.086674075	0.382382817	2.835175557	0.004800051	0.015617653	hsa-mir-3687	15.52657048	1.968419069	0.376655655	5.2260044119	1.73E-07	1.35E-06
hsa-mir-423-5p	16828.66209	-0.549344645	0.194374425	-2.826218752	0.004710109	0.015999023	hsa-mir-423-5p	16828.66209	-0.259894563	0.194378353	-1.337050077	0.181204659	0.336473021
hsa-mir-3605-5p	136.11569	-0.570363692	0.201996933	-2.823625503	0.004748383	0.016046991	hsa-mir-3605-5p	136.11569	-0.044573399	0.201141	-0.22160275	0.824623141	0.908988878
hsa-mir-100-5p	154309.576	0.28837399	0.103041155	2.793780008	0.005120933	0.017449381	hsa-mir-100-5p	154309.576	-0.432787824	0.103052438	-4.19965438	2.67E-05	0.000157334
hsa-mir-1277-5p	107.5346876	0.722638942	0.25865993	2.798780008	0.005205991	0.017449381	hsa-mir-1277-5p	107.5346876	0.331568051	0.26179618	1.266512179	0.205329772	0.366761455
hsa-mir-24-3p	1956.88447	0.370107916	0.132634418	2.790436464	0.005263703	0.017553406	hsa-mir-24-3p	1956.88447	0.866919652	0.132567805	6.559810295	5.39E-11	5.98E-10
hsa-mir-1468-5p	113.1244111	-0.3949454781	0.142766666	-2.766372507	0.005668374	0.018819998	hsa-mir-1468-5p	113.1244111	-0.4374556	0.146929314	-2.977320097	0.002907802	0.010508663
hsa-mir-24-2-5p	1698.186739	-0.235633365	0.085661069	-2.750763777	0.00594565	0.019654398	hsa-mir-24-2-5p	1698.186739	0.84224045	0.084904605	9.919844119	3.41E-23	9.47E-22
hsa-mir-4767	34.25205141	0.607951199	0.221444967	2.745382775	0.006044036	0.019892761	hsa-mir-4767	34.25205141	0.385924447	0.230726092	1.672686622	0.094389004	0.202597393
hsa-mir-3174	13.82454725	-0.981210617	0.352985836	-2.731002782	0.006314194	0.020691969	hsa-mir-3174	13.82454725	-0.540850095	0.357636738	-1.512288973	0.130460365	0.259252439
hsa-mir-30a-3p	11681.77647	-0.286305033	0.104974728	-2.727371026	0.006384121	0.020830946	hsa-mir-30a-3p	11681.77647	-0.071675475	0.104995367	-0.682653699	0.494825694	0.653722717
hsa-mir-877-5p	356.3578546	-0.378826669	0.139263306	-2.720218845	0.006523872	0.021195585	hsa-mir-877-5p	356.3578546	-0.850938668	0.142285428	-5.980504673	2.22E-09	2.11E-08
hsa-mir-513c-5p	9.952830557	-0.966548276	0.355881308	-2.71592875	0.006609014	0.021380443	hsa-mir-513c-5p	9.952830557	-0.610631243	0.356331213	-1.713661957	0.086590828	1.188532414
hsa-mir-643	8.530278613	-1.150844012	0.424676394	-2.709931674	0.006729707	0.021678248	hsa-mir-643	8.530278613	-1.26124437	0.437118753	-2.885358638	0.003909068	0.013745798
hsa-mir-30b-5p	29167.15588	-0.307661094	0.114654389	-2.683378253	0.007288251	0.023337799	hsa-mir-30b-5p/30c	29167.15588	-0.083637551	0.114661487	-0.729430196	0.465738553	0.633763319
hsa-mir-221-5p	1697.99887	0.233725019	0.087967195	2.658956602	0.007884959	0.025185292	hsa-mir-221-5p	1697.99887	-0.084522151	0.088680503	-0.935221368	0.340477922	0.515694631
hsa-mir-3909	80.77554104	-0.611082457	0.230734629	-2.648412081	0.008080673	0.025721692	hsa-mir-3909	80.77554104	0.816784284	0.222317448	3.673954926	0.000238825	0.0011173394
hsa-mir-375	4.92231827	1.44004278	0.54538601	2.640410192	0.008280574	0.026227591	hsa-mir-375	4.92231827	-0.056360239	0.553988141	-0.101735462	0.918966654	0.964914986
hsa-mir-551b-3p	13.88788019	1.44388741	0.547796416	2.635810253	0.008393665	0.026365165	hsa-mir-551b-3p	13.88788019	0.508706986	0.549842748	0.925186152	0.354869086	0.532303628
hsa-mir-615-5p	13.6683925	-0.968925457	0.367830319	-2.615995758	0.008290067	0.026365165	hsa-mir-615-5p	13.6683925	-0.421938816	0.363617733	-1.160391163	0.242885951	0.420826448
hsa-mir-449b-5p	10.6150042	1.005958447	0.384673469	2.615995703	0.008920211	0.027903305	hsa-mir-449b-5p	10.6150042	1.088349118	0.389797492	2.792088561	0.005236902	0.017848611
hsa-let-7e-5p	18157.14337	0.328293384	0.126179233	2.601802033	0.009273537	0.028889166	hsa-let-7e-5p	18157.14337	0.263475647	0.126206451	2.087655935	0.036828882	0.092309812
hsa-mir-3143	1.617940607	-1.436206704	0.5558783	-2.58367111	0.009775496	0.030328077	hsa-mir-3143	1.617940607	-1.34470995	0.55336973	-2.430038864	0.015097204	0.044099727
hsa-mir-92a-1-5p	680.6789931	-0.606962898	0.235282242	-2.573812038	0.010056408	0.031078682	hsa-mir-92a-1-5p	680.6789931	-0.00209673	0.235612381	-0.008899065	0.992899667	0.99659781
hsa-mir-146b-3p	52.13776853	-0.653912957	0.258996254	-2.545673713	0.010906749	0.033562523	hsa-mir-146b-3p	52.13776853	0.639060456	0.249250988	2.5638667293	0.010305131	0.03217876
hsa-mir-545-3p	2.366583733	1.416651273	0.558346946	2.537224	0.011173543	0.034244423	hsa-mir-545-3p	2.366583733	1.0330606136	0.556785494	1.8554000595	0.063539042	0.148704325

hsa-miR-27a-3p	252950.896	0.395719761	0.156101019	2.535023559	0.011243976	0.034321331	hsa-miR-27a-3p/27b	252950.896	0.344145738	0.156102486	2.202414074	0.027481187	0.073630629
hsa-miR-27b-3p	207880.9545	0.288557069	0.114040931	2.530293863	0.011396703	0.0344552107	hsa-miR-27a-5p/7c-5p	207880.9545	0.166236583	0.114043985	1.457653234	0.1449936148	0.282013779
hsa-miR-3150a-3p	1.733450396	-1.377462515	0.544482133	-2.529858063	0.011410868	0.034552107	hsa-miR-3150a-3p	1.733450396	-0.462244813	0.549345854	-0.841445895	0.400098184	0.574536966
hsa-miR-629-3p	1.737699193	-1.295180802	0.515897459	-2.510539214	0.0120504693	0.036356186	hsa-miR-629-3p	1.737699193	-0.882621745	0.516361875	-1.709308505	0.087393819	0.189678763
hsa-miR-20a-3p	76.11273173	0.451247575	0.180489156	2.500136761	0.012414537	0.037292987	hsa-miR-20a-3p	76.11273173	0.179899745	0.186626278	0.963769232	0.3351161636	0.511699104
hsa-miR-3154-3p	448.6107984	-0.307518044	0.123322356	-2.489573983	0.01278963	0.038267785	hsa-miR-3154-3p	448.6107984	0.751155569	0.121605139	6.177000572	6.53E-10	6.99E-09
hsa-miR-3148-5p	1.927170918	-1.392231261	0.55995293	-2.486148151	0.012913419	0.038466057	hsa-miR-3148-5p	1.927170918	-1.519051845	0.558408354	-2.720324356	0.006521791	0.021565339
hsa-let-7f-5p	331565.7771	0.289221971	0.116741817	2.477449621	0.0133232509	0.039267304	hsa-let-7f-5p	331565.7771	0.308786866	0.116743124	2.645011159	0.008168822	0.026528814
hsa-miR-181d-5p	2081.754142	0.145947757	0.058940459	2.476189709	0.01332793	0.039292504	hsa-miR-181d-5p	2081.754142	-0.284652439	0.05999397	-4.774424995	2.09E-06	1.40E-05
hsa-miR-548b-5p	6.082262083	-1.151707228	0.465603138	-2.473358139	0.013376633	0.039295585	hsa-miR-548b-5p	6.082262083	-1.445654594	0.481919887	-2.999781982	0.002701729	0.009902092
hsa-miR-548b-3p	2.048537727	-1.366599389	0.52525133	-2.473152902	0.013392683	0.039295585	hsa-miR-548b-3p	2.048537727	-0.951045857	0.522886435	-1.720146846	0.085405752	0.187898432
hsa-miR-138-1-3p	843.2869187	0.332678927	0.134956765	2.465077812	0.01369835	0.040037262	hsa-miR-138-1-3p	843.2869187	0.259871028	0.135508698	1.917744253	0.055143448	0.132242157
hsa-miR-628-5p	98.68992006	-0.411885798	0.167707907	-2.455971249	0.01405044	0.040908396	hsa-miR-628-5p	98.68992006	-0.213334436	0.169325995	-1.25990363	0.207704129	0.370151625
hsa-miR-454-5p	321.3181582	-0.310736045	0.126816489	-2.450281088	0.014274473	0.041401441	hsa-miR-454-5p	321.3181582	-0.817693205	0.130620778	-6.260054606	3.85E-10	3.93E-09
hsa-miR-7704	220.9320395	-0.371073584	0.152178702	-2.438406819	0.014752161	0.042623612	hsa-miR-7704	220.9320395	-0.65288784	0.155448135	-4.200034847	2.67E-05	0.000157334
hsa-miR-188-5p	59.9089376	0.491888169	0.204199264	2.408638358	0.016002278	0.04605979	hsa-miR-188-5p	59.9089376	-0.418087873	0.218817519	-1.910669106	0.056047117	0.133584694
hsa-miR-26a-2-3p	73.86737115	0.549590869	0.230902418	2.380186722	0.017303867	0.049430293	hsa-miR-26a-2-3p	73.86737115	1.4499015468	0.227251873	6.376253143	1.81E-10	1.93E-09
hsa-miR-589-5p	1114.408313	-0.22456492	0.09433457	-2.380515643	0.017288427	0.049472066	hsa-miR-589-5p	1114.408313	-0.596814989	0.094333194	-6.326670004	2.51E-10	2.63E-09
hsa-miR-3130-3p	2.605501038	-1.324190746	0.556737154	-2.378484599	0.017383963	0.049472066	hsa-miR-3130-3p	2.605501038	-0.197730022	0.552825543	-0.357671646	0.720589054	0.829478067
hsa-miR-1278	23.3621895	-0.809445369	0.345275347	-2.344347421	0.019060407	0.054040181	hsa-miR-1278	23.3621895	-0.5646131	0.347130507	-1.626515355	0.10384007	0.218064146
hsa-miR-513b-5p	5.949858815	-1.072321192	0.460344461	-2.329388712	0.019838483	0.056036311	hsa-miR-513b-5p	5.949858815	-1.322473077	0.476098569	-2.777729577	0.005474015	0.018573406
hsa-miR-769-3p	20.27030696	0.627774647	0.221605056	2.323536601	0.020143048	0.056701115	hsa-miR-769-3p	20.27030696	0.502119189	0.279904662	1.793893626	0.072830149	0.16692928
hsa-miR-96-5p	478.0871051	0.489477429	0.121245829	2.3038601	0.021340798	0.059524026	hsa-miR-96-5p	478.0871051	0.520566649	0.212873146	2.445430334	0.01446794	0.042581777
hsa-miR-5680	4.891213089	1.204150427	0.526453001	2.287286904	0.022179082	0.061954416	hsa-miR-5680	4.891213089	0.557138694	0.534730031	1.041906499	0.297455031	0.476541359
hsa-miR-3942-5p	9.080076365	-0.857159279	0.375635168	-2.28189305	0.022495655	0.062607394	hsa-miR-3942-5p	9.080076365	-1.285471611	0.401040517	-3.205340998	0.001349026	0.000543051
hsa-miR-702a-5p	1.8110729203	0.426283702	0.188233362	2.264648193	0.023534958	0.06255805	hsa-miR-702a-5p	1.8110729203	0.522998487	0.188837042	2.765975717	0.008612936	0.026861961
hsa-miR-3622a-5p	1481.916807	-1.165517623	0.175828341	-2.250772371	0.024999577	0.06411564	hsa-miR-3622a-5p	1481.916807	-1.344421948	0.510171382	-2.635255914	0.000407882	0.026864663
hsa-miR-2467-5p	69.50030923	-0.517416129	0.231335898	-2.23664435	0.025309594	0.0649426152	hsa-miR-2467-5p	69.50030923	0.505336649	0.225562083	2.240609511	0.02505138	0.068059169
hsa-miR-361-3p	488.438721	-0.330855667	0.148000987	-2.23549635	0.025384781	0.069426152	hsa-miR-361-3p	488.438721	-0.157389931	0.148432402	-1.060343483	0.288988364	0.469757236
hsa-miR-503-5p	128.7431246	1.050499761	0.469890413	2.235199023	0.025404286	0.069426152	hsa-miR-503-5p	128.7431246	-0.105975309	0.471346011	-0.224835486	0.822107259	0.908985878
hsa-miR-3142	1.159037547	-1.159791315	0.520120183	-2.22985546	0.025757234	0.070137503	hsa-miR-3142	1.159037547	0.590237256	0.522898158	-1.128780523	0.258990431	0.435574816
hsa-miR-2116-3p	3.774773959	-1.223155022	0.559096194	-2.18773627	0.028688818	0.07769809	hsa-miR-2116-3p	3.774773959	-1.68888722	0.559699266	-3.017490506	0.00254877	0.009385756
hsa-miR-365a-5p	4.359880612	-1.12090887	0.512850725	-2.185643531	0.028841695	0.07769809	hsa-miR-365a-5p	4.359880612	-0.197856936	0.502873773	-0.393452486	0.693985311	0.81700998
hsa-miR-373-3p	3.096805258	-1.190690542	0.544462138	-2.186916885	0.028748592	0.07769809	hsa-miR-373-3p	3.096805258	-0.610343727	0.542277481	-1.12551922	0.260369077	0.436005977
hsa-miR-1254	13.68090434	-0.730276939	0.33559256	-2.176082033	0.029549127	0.079041305	hsa-miR-1254	13.68090434	-1.793795827	0.378621379	-4.73770349	2.16E-06	1.44E-05
hsa-miR-548f-3p	18.33211525	-0.683388963	0.313891299	-2.177151663	0.029469253	0.079041305	hsa-miR-548f-3p	18.33211525	0.728985151	0.290257419	2.511512553	0.012021501	0.036204288
hsa-miR-328-3p	45.57919234	-0.408009697	0.188930043	-2.159580817	0.030805135	0.08211087	hsa-miR-328-3p	45.57919234	0.111024607	0.18636216	0.595746512	0.551344581	0.702286458
hsa-miR-642a-3p	8.830689407	-1.057314236	0.490952442	-2.148844225	0.031271671	0.083764301	hsa-miR-642a-3p	8.830689407	1.105504312	0.463737888	2.383899053	0.017130301	0.049297199
hsa-miR-3662	13.48094745	-0.74244437	0.345508698	-2.148844225	0.03164675	0.083764301	hsa-miR-3662	13.48094745	-3.008512402	0.437497653	-6.87663661	6.13E-12	7.21E-11
hsa-miR-1270	12.99894482	-0.672787231	0.314262739	-2.140841447	0.032868689	0.085160361	hsa-miR-1270	12.99894482	-0.793357577	0.329424636	-2.420455214	0.015501089	0.04510991
hsa-miR-4286	26.47174004	0.650862213	0.304265739	2.139124226	0.032425609	0.085229812	hsa-miR-4286	26.47174004	-0.15057012	0.315458199	-0.47730609	0.633144175	0.777176973
hsa-miR-913-3p	61.9783026	-0.435213621	0.204807731	-2.124986289	0.03387757	0.087979004	hsa-miR-913-3p	61.9783026	-0.824644026	0.214387164	-3.846517726	0.000119808	0.000612442
hsa-miR-3117-3p	93.9756117	0.395958632	0.186336216	2.12177497	0.03348567	0.088337504	hsa-miR-3117-3p	93.9756117	-0.73394071	0.216720715	-8.352066902	6.71E-17	3.4E-15
hsa-miR-3913-3p	0.954850888	-1.035955807	0.489806254	-2.115038097	0.03442664	0.089856743	hsa-miR-3913-3p	0.954850888	-1.810061912	0.488895181	-1.501230309	0.133297883	0.262874251
hsa-miR-125b-2-3p	2897.175493	0.216769908	0.102672798	2.111118157	0.034762157	0.090019702	hsa-miR-125b-2-3p	2897.175493	0.820273897	0.102566966	7.997447202	1.27E-15	2.19E-14
hsa-miR-28-3p	40886.75794	-0.324313321	0.154522398	-2.098836968	0.038531275	0.092574317	hsa-miR-28-3p	40886.75794	-0.759203074	0.154544563	-4.912518821	8.99E-07	6.41E-06
hsa-miR-1307-5p	6472.882848	0.802816932	0.382688842	2.099643824	0.036007282	0.092712482	hsa-miR-1307-5p	6472.882848	-0.101796164	0.382914101	-0.265845954	0.79035785	0.888469534
hsa-miR-1243	8.000348804	-0.806583684	0.391550332	-2.059974461	0.039400926	0.10076535	hsa-miR-1243	8.000348804	-0.47480836	0.392744934	-1.211494583	0.225750509	0.392344433
hsa-miR-628-3p	22.93721064	-0.6532954163	0.307072093	-2.061255901	0.039297833	0.10076535	hsa-miR-628-3p	22.93721064	-0.811872721	0.317326335	-2.558478862	0.010513121	0.032415457
hsa-miR-4741	14.61791909	-0.692664322	0.340024228	-2.037102845	0.041639737	0.106132259	hsa-miR-4741	14.61791909	-1.431510025	0.3688707999	-3.88250331	0.000103387	0.000539137

hsa-miR-3615	955.3066382	-0.264471453	0.131616308	-2.009412481	0.044493408	0.1130252	hsa-miR-3615	955.3066382	-0.6192724318	0.132602648	-4.670150449	3.01E-06	1.95E-05
hsa-miR-365b-3p	146.4556408	-0.361793322	0.180213397	-2.007580603	0.046867878	0.113139543	hsa-miR-365b-3p	146.4556408	0.706370631	0.17855304	1.518582221	0.086189003	0.188532414
hsa-miR-212-3p	32.41325797	0.436609814	0.218599899	1.997304823	0.025792708	0.115548681	hsa-miR-212-3p	32.41325797	0.379983278	0.219050947	3.560799131	0.000369812	0.001730989
hsa-miR-3651	42.03552082	0.540447436	0.272264456	1.985090147	0.047143454	0.118553437	hsa-miR-3651	42.03552082	1.895016023	0.262248951	7.226190495	4.97E-13	7.03E-12
hsa-miR-196b-3p	5.499474263	1.00210911	0.505731707	1.981503426	0.047534846	0.119151914	hsa-miR-196b-3p	5.499474263	0.445631109	0.515739717	0.864062034	0.387553814	0.560762222
hsa-miR-424-3p	951.2518679	0.322705017	0.164052309	0.322705017	0.164052309	0.12285207	hsa-miR-424-3p	951.2518679	0.1619534467	0.165379042	-3.599878559	0.000318366	0.001517609
hsa-miR-5706	6.458786356	0.966573891	0.491874664	1.965005808	0.049913244	0.123045479	hsa-miR-5706	6.458786356	0.1619534467	0.479370085	0.337846859	0.735478799	0.889368135
hsa-miR-33a-3p	14.89014923	0.576766806	0.294205662	1.95291777	0.0517339872	0.123095982	hsa-miR-33a-3p	14.89014923	0.653551908	0.283935845	2.301759076	0.021348763	0.059884435
hsa-miR-3116	22.16619526	-0.588867359	0.300712175	-1.958242495	0.050201565	0.1241919453	hsa-miR-3116	22.16619526	0.653551908	0.283935845	2.301759076	0.021348763	0.059884435
hsa-miR-128-2-5p	2.806849631	-1.091340495	0.558587996	-1.953785288	0.050726615	0.125081388	hsa-miR-128-2-5p	2.806849631	-1.33581209	0.559414041	-2.387965106	0.01694195	0.048936414
hsa-miR-34a-5p	15.43455167	0.613883386	0.314399644	1.9450938081	0.051059058	0.125492556	hsa-miR-34a-5p	15.43455167	0.66908638	0.320013652	2.184551741	0.02892173	0.076176895
hsa-miR-1246	8.530804519	0.815801778	0.419372451	1.95291777	0.0517339872	0.126754315	hsa-miR-1246	8.530804519	0.306122423	0.434849035	0.70397402	0.481448953	0.643866467
hsa-miR-199a-5p	2.478167318	-1.031303685	0.531252076	-1.941269938	0.052225544	0.127531409	hsa-miR-199a-5p	2.478167318	-0.941068887	0.529293598	-1.777970848	0.075408643	0.171323145
hsa-miR-5009-5p	1.048873928	-0.812225885	0.419111296	-1.938030634	0.052619485	0.128080226	hsa-miR-5009-5p	1.048873928	-0.79487747	0.415772957	-1.911806566	0.055901009	0.133584694
hsa-miR-452-5p	135.9334047	-0.260791216	0.135446805	-1.925414308	0.054177547	0.13145001	hsa-miR-452-5p	135.9334047	-0.035931245	0.136670518	-0.26290414	0.792624466	0.884869554
hsa-miR-125a-5p	10726.03722	-0.300944509	0.1565044	-1.922914047	0.054490845	0.131787763	hsa-miR-125a-5p	10726.03722	0.231248232	0.156490001	1.477718896	0.139483034	0.272993244
hsa-miR-487b-3p	1.047336545	-0.790147661	0.414980889	-1.90405795	0.056902637	0.137182473	hsa-miR-487b-3p	1.047336545	-0.773317645	0.411725621	-1.878235419	0.060348967	0.142526283
hsa-miR-92b-5p	2.953839528	-0.897093328	0.475058678	-1.88838823	0.05897385	0.139077529	hsa-miR-92b-5p	2.953839528	-0.556112918	0.559786795	-0.993437007	0.320497034	0.500547021
hsa-miR-3128	5.885921198	-0.975722809	0.525834684	-1.855568962	0.063515021	0.151674672	hsa-miR-3128	5.885921198	-0.172283701	0.467581049	-1.768457408	0.712532198	0.500547021
hsa-miR-217	0.928650186	-0.975722809	0.525834684	-1.855568962	0.063515021	0.151674672	hsa-miR-217	0.928650186	1.195284558	0.518705645	-2.304360034	0.021202442	0.059689482
hsa-miR-181c-3p	1346.231697	0.232215519	0.126200701	1.84004936	0.065760991	0.156053511	hsa-miR-181c-3p	1346.231697	-0.237210306	0.126966456	-1.868291152	0.061721499	0.144887024
hsa-miR-188-3p	53.99109625	-0.379919159	0.203153738	-1.840572381	0.065684248	0.156053511	hsa-miR-188-3p	53.99109625	-0.65779245	0.212399621	-3.096956794	0.001955184	0.00744695
hsa-miR-130b-3p	5298.642866	0.258528266	0.141356276	1.828892237	0.067415154	0.158990644	hsa-miR-130b-3p	5298.642866	0.465663402	0.141590792	-3.28879857	0.001006159	0.004180673
hsa-miR-675-5p	1.6594947	0.85251235	0.466162277	1.828892237	0.067415154	0.158990644	hsa-miR-675-5p	1.6594947	0.333619475	0.460934857	0.764178854	0.442975184	0.61524541
hsa-miR-4775	173.3221008	-0.281166749	0.153964455	-1.826179614	0.067823211	0.159447735	hsa-miR-4775	173.3221008	-0.641205576	0.158495282	-4.04558148	5.22E-05	0.000289673
hsa-miR-6783-3p	7.296836611	1.020379465	0.55959451	1.825540757	0.06822153	0.159887611	hsa-miR-6783-3p	7.296836611	0.308340819	0.558911341	0.551681093	0.581166886	0.729038382
hsa-miR-1296-5p	88.45370688	0.316493648	0.174129077	1.817557711	0.06913176	0.161520081	hsa-miR-1296-5p	88.45370688	0.362326602	0.17693293	0.304718917	0.040577746	0.100410357
hsa-miR-3607-3p	175.1927276	-0.424838544	0.234847631	-1.808956121	0.070451606	0.163145467	hsa-miR-3607-3p	175.1927276	0.080149709	0.234395506	0.341942171	0.732394411	0.889336958
hsa-miR-4511	14.56001284	0.332179992	0.093414823	-1.808594122	0.070473669	0.163145467	hsa-miR-4511	14.56001284	-0.796144302	0.346137385	-2.300081809	0.021444586	0.059394051
hsa-miR-98-5p	12354.58381	0.169228033	0.093414823	1.811575801	0.070051767	0.163145467	hsa-miR-98-5p	12354.58381	0.242697986	0.093453231	2.586999935	0.009404209	0.029463993
hsa-miR-6509-5p	3.640600486	-0.993285221	0.55118543	-1.802089038	0.071531398	0.165027957	hsa-miR-6509-5p	3.640600486	0.97811244	0.553125789	-1.768336531	0.07700469	0.174439196
hsa-miR-5109-5p	5.388170815	-0.908661295	0.503012227	-1.800873311	0.071722285	0.165027957	hsa-miR-5109-5p	5.388170815	-1.026663134	0.510827741	-2.009803016	0.044452042	0.108956581
hsa-miR-31-3p	35.71639421	0.48081317	0.267516381	1.79732235	0.07228446	0.165816171	hsa-miR-31-3p	35.71639421	0.843339138	0.267608883	3.151386943	0.001624971	0.006323426
hsa-miR-340-3p	156.905808	0.226097843	0.126453631	1.787990126	0.073777601	0.168730042	hsa-miR-340-3p	156.905808	0.064578798	0.130331274	0.495497329	0.620249107	0.767660041
hsa-miR-4781-3p	7.579049666	-0.734496302	0.413132917	-1.777869231	0.075425335	0.171978885	hsa-miR-4781-3p	7.579049666	-1.42972622	0.443907805	-3.22077288	0.001278454	0.005200832
hsa-miR-561-3p	11.93668014	-0.567202782	0.320839832	-1.767868965	0.077082812	0.175230297	hsa-miR-561-3p	11.93668014	-0.551292869	0.331760756	-1.661717603	0.09656941	0.206265806
hsa-miR-218-1-3p	8.845666626	0.571124927	0.325725808	1.755709735	0.079137984	0.179363634	hsa-miR-218-1-3p	8.845666626	0.407700032	0.391112431	1.042412105	0.297220656	0.476541359
hsa-miR-2682-3p	17.83884218	0.571124927	0.325725808	1.755709735	0.079137984	0.179363634	hsa-miR-2682-3p	17.83884218	1.080423618	0.323475383	3.340048965	0.000837636	0.003556521
hsa-le1-7b-3p	42.70735676	-0.463665314	0.265099561	-1.749051029	0.080282199	0.180873883	hsa-le1-7b-3p	42.70735676	0.184999711	0.261746365	0.744986723	0.456279414	0.62637651
hsa-miR-374a-3p	3344.464305	0.26665429	0.152604248	1.747358234	0.080575198	0.180993357	hsa-miR-374a-3p	3344.464305	0.187543943	0.152729051	1.227951992	0.21946499	0.385801078
hsa-miR-4762-5p	11.90362313	-0.561963798	0.3231436	-1.745352027	0.081245158	0.181992355	hsa-miR-4762-5p	11.90362313	-0.989055499	0.347633765	-2.845107693	0.00443664	0.015000005
hsa-miR-7845-5p	5.082890958	0.976605034	0.560554669	1.741898703	0.081526171	0.182051066	hsa-miR-7845-5p	5.082890958	0.603670346	0.560578271	1.076870754	0.281538011	0.461508511
hsa-miR-362-5p	15.36194683	0.538692031	0.311511069	1.729288695	0.083757748	0.186848163	hsa-miR-362-5p	15.36194683	0.562452485	0.318566402	1.765573777	0.077467383	0.174578606
hsa-miR-4796-5p	3.079444788	-0.966115507	0.560297578	-1.724246592	0.085455546	0.189291051	hsa-miR-4796-5p	3.079444788	-1.270044722	0.531390204	-2.712440573	0.029010554	0.064010837
hsa-miR-505-3p	356.525653	-0.145434796	0.084966252	-1.71175792	0.086941313	0.191879225	hsa-miR-505-3p	356.525653	-0.389240515	0.088340122	-4.508036748	6.54E-06	4.07E-05
hsa-miR-139-5p	63.32283454	0.518800508	0.303376433	1.710088869	0.087249441	0.191999496	hsa-miR-139-5p	63.32283454	1.573195444	0.299701612	5.249205817	1.53E-07	1.20E-06
hsa-miR-9-3p	1.704657484	0.951224024	0.558488516	1.703219665	0.088526668	0.194246413	hsa-miR-9-3p	1.704657484	-0.065895261	0.552311774	-0.119306787	0.905032307	0.959327582
hsa-miR-130b-5p	1343.534964	-0.219423645	0.129308859	-0.676895687	0.089716584	0.196287001	hsa-miR-130b-5p	1343.534964	-1.029225563	0.130578477	-7.882104597	3.22E-15	5.21E-12
hsa-miR-24-1-5p	9.763829568	0.677632509	0.403840104	1.677977303	0.093352506	0.203653738	hsa-miR-24-1-5p	9.763829568	0.964269417	0.403301488	2.3739141071	0.017355304	0.04962683
hsa-miR-6840-5p	5.55693362	-0.913200455	0.546451793	-1.6711455	0.094692942	0.20598436	hsa-miR-6840-5p	5.55693362	0.522327705	0.540151447	0.967066777	0.333510652	0.51113876

hsa-miR-330-3p	49.02063837	0.363720246	0.21830409	1.666117415	0.09569003	0.207556886	hsa-miR-330-3p	49.02063837	0.250173492	0.223953751	1.117076588	0.26396158	0.441071285
hsa-miR-188-3p	8.386632285	0.760246649	0.460966086	0.909097117	0.214533021	hsa-miR-188-3p	8.386632285	0.727172438	0.466012892	1.561700225	0.11835626	0.24293807	
hsa-miR-5489-5p	10.10746447	0.568887733	0.343871725	1.649263034	0.099838098	hsa-miR-5489-5p	10.10746447	-0.117062423	0.371310919	-0.315726792	0.752585226	0.856131404	
hsa-miR-21-3p	163824.2291	0.356194739	0.21767391	1.64017018	0.100969788	hsa-miR-21-3p	163824.2291	0.669746641	0.217167592	3.084008232	0.002042319	0.007703312	
hsa-miR-342-3p	175.3126285	0.350006603	0.21325459	1.6412616757	0.100749391	hsa-miR-342-3p	175.3126285	-0.241451532	0.216807105	-1.113669831	0.265420856	0.44161029	
hsa-miR-5683	9.016310888	-0.82966936	0.506591365	-0.82966936	0.102444463	hsa-miR-5683	9.016310888	0.589167048	0.495639902	0.143333889	0.156425131	0.235454452	
hsa-miR-141-3p	7.72153666	0.708549442	0.433859661	1.633116664	0.102444463	hsa-miR-141-3p	7.72153666	0.565816309	0.442711447	1.278070205	0.2012124674	0.361924934	
hsa-miR-125a-3p	465.121529	-0.233659392	0.1433040172	-1.630065936	0.103087562	hsa-miR-125a-3p	465.121529	0.096509169	0.143433889	0.672847747	0.501044158	0.656511486	
hsa-miR-1255a	147.1742777	-0.280501453	0.172323241	-1.627761734	0.103575417	hsa-miR-1255a	147.1742777	-0.366427886	0.175123597	-2.092395833	0.036403121	0.091537946	
hsa-miR-1910-3p	1.308016992	0.792638352	0.488504274	1.622582225	0.105678743	hsa-miR-1910-3p	1.308016992	0.636152278	0.484379741	1.313333786	0.189070499	0.084297912	
hsa-miR-5488	29.3218692	-0.414518302	0.256100101	-1.615135845	0.106281228	hsa-miR-5488	29.3218692	-0.669457771	0.492710222	-2.263138402	0.023627159	0.065332037	
hsa-miR-2116-5p	6.198151008	-0.774515146	0.479535606	-0.774515146	0.106281228	hsa-miR-2116-5p	6.198151008	-1.150714425	0.492710222	-2.263138402	0.023627159	0.065332037	
hsa-miR-3934-5p	9.831071305	-0.691213036	0.435176941	-1.588349406	0.112207351	hsa-miR-3934-5p	9.831071305	-1.916542375	0.4689275	-4.08760696	4.37E-05	0.000247757	
hsa-miR-183-3p	79.4137639	-0.286092481	0.180277101	-1.578788884	0.114384489	hsa-miR-183-3p	79.4137639	-0.371878047	0.168850913	-2.202404714	0.027636733	0.073792927	
hsa-miR-548e-3p	111.769418	-0.260155693	0.164781812	-1.578788884	0.114384489	hsa-miR-548e-3p	111.769418	-0.260128649	0.113968329	-2.074094236	0.03807056	0.095115193	
hsa-miR-106b-3p	1466.18886	0.177937633	0.1133226687	1.571513952	0.116063316	hsa-miR-106b-3p	1466.18886	-0.367881055	0.113968329	-2.074094236	0.03807056	0.095115193	
hsa-miR-556-5p	3.226412523	0.835230325	0.53193341	1.570178353	0.116373624	hsa-miR-556-5p	3.226412523	0.367865036	0.540561622	0.680523776	0.496172872	0.653722717	
hsa-miR-363-3p	3.254863684	0.850124515	0.542238473	1.567805601	0.116926507	hsa-miR-363-3p	3.254863684	1.966495119	0.534369147	3.642603864	0.000269894	0.001310673	
hsa-miR-338-3p	14.4025873	-0.57756351	0.36971639	-1.562179891	0.118245616	hsa-miR-338-3p	14.4025873	-0.16757885	0.233379806	-0.719139489	0.472730473	0.638427913	
hsa-miR-34b-5p	45.71562656	0.346713353	0.222009251	1.561707578	0.118356893	hsa-miR-34b-5p	45.71562656	-0.767968409	0.350453879	-2.191398461	0.02842297	0.075416927	
hsa-miR-483-5p	8.244123439	-0.800300414	0.515944724	-1.551133959	0.120869105	hsa-miR-483-5p	8.244123439	2.057966303	0.479190965	4.29466842	1.75E-05	0.00010538	
hsa-miR-5094	6.53130729	-0.704815888	0.459505662	-1.533856807	0.125064884	hsa-miR-5094	6.53130729	-1.075114436	0.475367224	-2.261650324	0.023719016	0.06533346	
hsa-miR-683e-5p	2.862382281	-0.841090684	0.553475147	-1.517625932	0.128297976	hsa-miR-683e-5p	2.862382281	0.120059507	0.54965128	0.218428505	0.827095258	0.908985878	
hsa-miR-3688-3p	17.20723694	-0.509369848	0.335712432	-1.512915635	0.129200449	hsa-miR-3688-3p	17.20723694	-0.524951972	0.343380118	-1.52877773	0.126319555	0.255252624	
hsa-miR-616-5p	15.80235747	-0.473464397	0.313716355	-1.509155334	0.131259947	hsa-miR-616-5p	15.80235747	0.054850265	0.309962313	0.71695785	0.859541497	0.926302002	
hsa-miR-1284	1.671732516	-0.833468596	0.558510937	-1.492304878	0.135619239	hsa-miR-1284	1.671732516	-0.063262206	0.559882214	-0.112991992	0.910063904	0.960683004	
hsa-miR-612	1.214175232	0.719176792	0.481845649	1.492527578	0.135560893	hsa-miR-612	1.214175232	0.638995447	0.478144455	1.336521133	0.181440268	0.336473021	
hsa-miR-4659a-3p	2.025726002	-0.832112311	0.592947698	-1.487913699	0.1274672214	hsa-miR-4659a-3p	2.025726002	-0.453394407	0.55927305	-0.811040401	0.417344028	0.593307464	
hsa-miR-686e-5p	13.2560061	0.494194337	0.332154507	1.487844746	0.136718442	hsa-miR-686e-5p	13.2560061	-0.244627545	0.356730974	-0.68574798	0.492877045	0.653722117	
hsa-miR-3157-3p	10.48051067	-0.603012097	0.407696136	-1.479072388	0.139120969	hsa-miR-3157-3p	10.48051067	-0.182151738	0.406691442	-0.447886824	0.654234878	0.786904799	
hsa-miR-6501-5p	1.561324536	0.756562527	0.512558534	1.476050979	0.139930207	hsa-miR-6501-5p	1.561324536	0.458324546	0.50785414	0.902472797	0.366805766	0.54390855	
hsa-miR-990-5p	6.666043765	-0.22211162	0.150352698	-1.477301064	0.139594953	hsa-miR-990-5p	6.666043765	-0.276081724	0.150419869	-1.835407286	0.066445365	0.155039185	
hsa-miR-519a-3p	11.51105489	-0.557188104	0.37939774	-1.468612078	0.141938037	hsa-miR-519a-3p	11.51105489	-1.05714217	0.3997958	-2.644205293	0.008188298	0.026528814	
hsa-miR-767-5p	363.8595703	0.159595436	0.108887916	1.465685476	0.142733993	hsa-miR-767-5p	363.8595703	-0.151895107	0.111527331	-1.361954115	0.173212366	0.325086977	
hsa-miR-135b-5p	288.3414806	0.249768583	0.17058309	1.464204822	0.143137993	hsa-miR-135b-5p	288.3414806	0.127798732	0.171976985	0.734115315	0.457411869	0.626823672	
hsa-miR-1224-5p	1.506603125	0.758208488	0.518352026	1.462728898	0.143541576	hsa-miR-1224-5p	1.506603125	1.099998063	0.518135877	2.1229915	0.033745654	0.085991136	
hsa-miR-199b-3p	4.888463596	0.706662981	0.498654273	1.417140131	0.156441962	hsa-miR-199b-3p	4.888463596	0.026589262	0.512902971	0.051840725	0.958655606	0.982381261	
hsa-miR-362-3p	0.980760169	0.6114482264	0.433207323	1.411523377	0.158909047	hsa-miR-362-3p	0.980760169	0.337668116	0.428031831	0.788885526	0.430178916	0.605523583	
hsa-miR-331-5p	121.2848198	-0.275390281	0.195495978	-1.408513451	0.158909047	hsa-miR-331-5p	121.2848198	0.088320363	0.195539741	0.451674747	0.651503313	0.784834223	
hsa-miR-505-5p	9.209798803	-0.521889848	0.374669909	-1.39293238	0.163640282	hsa-miR-505-5p	9.209798803	-1.04766836	0.3822107513	-1.093661041	0.274367	0.453381189	
hsa-miR-6716-3p	5.869817192	-0.620358923	0.44747876	-1.386344724	0.165642277	hsa-miR-6716-3p	5.869817192	-1.250200943	0.473477832	-2.640463522	0.00827927	0.02658616	
hsa-miR-4484	30.64401838	0.754995227	0.545999219	1.382777118	0.166733217	hsa-miR-4484	30.64401838	0.78186298	0.546250794	1.431336029	0.152336797	0.292984385	
hsa-miR-326-3p	1163.925265	0.137399913	0.099703242	1.378088719	0.168175908	hsa-miR-326-3p	1163.925265	0.124241309	0.100200591	1.299295912	0.215002799	0.480540261	
hsa-miR-3126-5p	4.07513789	-0.716634054	0.523036613	-1.370141278	0.170642805	hsa-miR-3126-5p	4.07513789	-0.551762761	0.525764933	-1.049447627	0.229307148	0.383892861	
hsa-miR-5001-5p	3.46279656	-0.732902817	0.535515821	-1.368929228	0.171126759	hsa-miR-5001-5p	3.46279656	-0.083165354	0.532174467	-0.156274603	0.873816574	0.936051552	
hsa-miR-527	1.175136348	-0.716303573	0.526077663	-1.361592828	0.17332642	hsa-miR-527	1.175136348	-1.142770297	0.515223161	-2.218010336	0.026554128	0.071392931	
hsa-miR-6723-5p	51.65047164	-0.267566837	0.197771915	-1.353267942	0.17332642	hsa-miR-6723-5p	51.65047164	0.480636021	0.184896333	5.383879918	7.09E-08	6.13E-07	
hsa-miR-660-3p	0.962994124	-0.660535257	0.490980899	-1.34537392	0.17851611	hsa-miR-660-3p	0.962994124	-0.925815619	0.482721136	-1.917909847	0.055122443	0.132242157	
hsa-miR-5583-5p	0.947126432	0.527471738	0.394081349	1.338484399	0.180738583	hsa-miR-5583-5p	0.947126432	-0.067198715	0.387440134	-0.173442836	0.862303357	0.927449786	

hsa-mir-374b-3p	320.2059896	-0.144783884	0.108330536	-1.336501128	0.181385532	0.343272119	hsa-mir-374b-3p	320.2059896	0.301983442	0.10799709	2.796218334	0.005170446	0.017697958
hsa-mir-361-5p	1447.22573	0.162654975	0.121935214	1.333944144	0.182222163	0.343995454	hsa-mir-361-5p	1447.22573	0.223575792	0.122192001	1.829595321	0.067315279	0.156598117
hsa-mir-193b-3p	531.6710679	-0.169817685	0.12848477	-1.320795058	0.182669715	0.350452478	hsa-mir-193b-3p	531.6710679	0.89607052	0.126963025	7.057728183	1.69E-12	2.29E-11
hsa-mir-4768-5p	9.85409701	0.5014635	0.379666663	-1.320795703	0.186568492	0.350452478	hsa-mir-4768-5p	9.85409701	-0.227644481	0.382074855	-0.595811207	0.551301356	0.702286458
hsa-mir-579-5p	6.703079431	-0.630471447	0.478036999	-1.31887586	0.182710618	0.350788212	hsa-mir-579-5p	6.703079431	-0.986233635	0.490283154	-2.011559296	0.044266414	0.108844948
hsa-mir-4647	1.540602822	-0.725488797	0.551070733	-1.316507579	0.188003736	0.351404514	hsa-mir-4647	1.540602822	-1.383087258	0.540256107	-2.560058835	0.010465433	0.032970441
hsa-mir-378a-5p	2.446700215	0.716714259	0.546328978	-1.311873044	0.189562974	0.353404623	hsa-mir-378a-5p	2.446700215	0.826687221	0.545334361	1.515927256	0.129537748	0.381629041
hsa-mir-2115-3p	7.76859758	-0.647387968	0.498241463	-1.299345831	0.193825273	0.360505482	hsa-mir-2115-3p	7.76859758	0.602469363	0.487777603	1.235131254	0.216781659	0.250294831
hsa-mir-6500-3p	5.835986017	0.611439706	0.471878651	1.295756239	0.195059479	0.361911828	hsa-mir-6500-3p	5.835986017	-0.904022239	0.504959126	-1.790287951	0.073407632	0.16778803
hsa-mir-15b-5p	1263.315359	-0.181859198	0.141153469	-1.288372336	0.197613983	0.365204198	hsa-mir-15b-5p	1263.315359	0.14150986	0.14150986	-1.56287601	0.129446645	0.258162904
hsa-mir-573	10.42169893	-0.482910515	0.374974742	1.287845919	0.197798389	0.365204198	hsa-mir-573	10.42169893	-2.992658697	0.494636559	-6.050217611	1.45E-09	1.42E-08
hsa-mir-423-3p	15449.66406	-0.14582905	0.113588844	-1.283859292	0.199199369	0.366895189	hsa-mir-423-3p	15449.66406	0.286896386	0.113583239	2.525986930	0.01154125	0.034893195
hsa-mir-224-5p	455.4689191	-0.173808221	0.135911203	-1.278836602	0.200954602	0.369229693	hsa-mir-224-5p	455.4689191	-0.510215707	0.137792223	-3.702790301	0.000213241	0.00105534
hsa-mir-5585-3p	4.564002814	-0.604347263	0.474654714	-1.273235566	0.202934463	0.371964622	hsa-mir-5585-3p	4.564002814	-0.229960396	0.474545307	-0.484591024	0.627966482	0.77326459
hsa-mir-4791	1.550512831	0.648599233	0.510684071	1.270059651	0.204063383	0.373130389	hsa-mir-4791	1.550512831	0.562112788	0.507530518	1.107544804	0.268058452	0.444096839
hsa-mir-151b	37161.3148	0.120324533	0.096408152	1.248074268	0.212003861	0.386715476	hsa-mir-151b/151a	37161.3148	-0.180624898	0.096437834	-1.872967182	0.061072917	0.143798959
/151a-5p	352.5575134	0.147736949	0.119187306	1.239535932	0.215147091	0.391504543	hsa-mir-140-5p	352.5575134	0.228254332	0.120193716	1.899053784	0.05757405	0.136347877
hsa-mir-140-5p	231.6792411	-0.309630422	0.252985	-1.229908227	0.220986835	0.401167974	hsa-mir-589-3p	231.6792411	0.219219473	0.252633866	0.867735892	0.385538932	0.560762222
hsa-mir-589-3p	6.742429803	-0.6229391	0.512882956	-1.215294212	0.224253899	0.406124883	hsa-mir-503-3p	6.742429803	-0.821805049	0.518455879	-1.585101996	0.112943162	0.234643949
hsa-mir-503-3p	5.066922606	0.572229383	0.473653308	1.208257654	0.226648172	0.410023308	hsa-mir-590-5p	5.066922606	0.015850016	0.490611995	0.032306621	0.974227529	0.984500929
hsa-mir-590-5p	3.448155521	0.665860138	0.551933446	-1.206413822	0.227657969	0.410326387	hsa-mir-570-3p	3.448155521	-0.591136317	0.553879729	1.067264761	0.288585226	0.465737405
hsa-mir-570-3p	3.84310597	-0.625487311	0.524626461	-1.192241215	0.233166661	0.418236417	hsa-mir-4668-5p	3.84310597	-0.5081216	0.527963914	-0.964217292	0.333840031	0.511699104
hsa-mir-4668-5p	3.714456003	0.64047391	0.356927056	1.192820657	0.232227867	0.418236417	hsa-mir-5699-3p	3.714456003	0.503315263	0.541038736	0.990275837	0.352228285	0.529356467
hsa-mir-5699-3p	42.73767363	-0.256583527	0.217053342	-1.18212035	0.237157951	0.424417421	hsa-le1-a-2-3p	42.73767363	-0.226562966	0.222226563	-1.019513432	0.307992928	0.489333407
hsa-le1-a-2-3p	11.77904028	-0.428662769	0.361865684	-1.176835144	0.239254127	0.4271589	hsa-mir-219b-3p	11.77904028	0.220415516	0.35538813	0.620210686	0.535119087	0.687252117
hsa-mir-219b-3p	1.296072124	-0.598306075	0.511026168	-1.170897919	0.243163913	0.430403149	hsa-mir-410-3p	1.296072124	-0.422890897	0.509051707	-0.83074252	0.406119101	0.581131752
hsa-mir-410-3p	32.05618981	-0.290806475	0.249300512	-1.166488079	0.24317166	0.432551161	hsa-mir-132-5p	32.05618981	0.761042832	0.237962271	3.198164692	0.001383053	0.00559394
hsa-mir-132-5p	8.037137367	0.480011779	0.416311611	1.15301065	0.248906013	0.441268974	hsa-mir-664a-3p	8.037137367	0.890538618	0.415505275	2.143266689	0.032091669	0.082479701
hsa-mir-664a-3p	102.635678	0.191772218	0.167213365	-1.146869979	0.251435362	0.44471161	hsa-mir-143-3p	102.635678	1.140316766	0.162634807	7.011517334	2.36E-12	2.95E-11
hsa-mir-143-3p	7.500449199	-0.583303015	0.511129174	-1.141204699	0.253784749	0.446779198	hsa-mir-4449	7.500449199	0.111494148	0.508083231	0.219440716	0.826306756	0.908985878
hsa-mir-4449	1.535094035	-0.623824887	0.547884636	-1.142256683	0.253347441	0.446779198	hsa-mir-676-5p	1.535094035	-0.566684457	0.545443037	-1.038914092	0.298844692	0.477782563
hsa-mir-676-5p	21.53849335	-0.390760979	0.344976691	-1.132717047	0.257333096	0.450568833	hsa-mir-580-3p	21.53849335	-0.401564753	0.350546888	-1.14537921	0.251986396	0.426565207
hsa-mir-580-3p	1.474858345	0.597787328	0.52824243	-1.131653374	0.257780191	0.450568833	hsa-mir-675-3p	1.474858345	0.471658034	0.524664551	0.898970651	0.368668293	0.545529074
hsa-mir-675-3p	620.7677639	-0.15634481	0.137962916	-1.133237993	0.257114348	0.450568833	hsa-mir-7974	620.7677639	-2.379701761	0.147579049	-16.142029371	1.84E-58	2.04E-56
hsa-mir-7974	1.563308596	-0.573244237	0.508613683	-1.127071993	0.259712043	0.453000039	hsa-mir-1257	1.563308596	-0.512784861	0.505987139	-1.013343457	0.310857632	0.492923459
hsa-mir-1257	74.45601108	0.220074673	0.195652561	1.124823388	0.260663673	0.453614714	hsa-mir-873-5p	74.45601108	0.136628604	0.199799489	0.683828592	0.494083409	0.653722717
hsa-mir-873-5p	5.032190968	0.523047862	0.466784523	-1.120533858	0.262486333	0.455738885	hsa-mir-2277-3p	5.032190968	0.771313273	0.469243984	1.643736093	0.100230727	0.211628465
hsa-mir-2277-3p	8.730170166	-0.402022831	0.365560198	-1.099478851	0.27161434	0.470416488	hsa-mir-5484-5p	8.730170166	-0.584532292	0.382510998	-1.528145062	0.126476525	0.25525624
hsa-mir-5484-5p	103967.6103	0.1132532137	0.121677232	-1.08921065	0.276061004	0.473873424	hsa-mir-30e-5p	103967.6103	-0.107462496	0.121681534	-0.883145477	0.3771157676	0.553977616
hsa-mir-30e-5p	1.031751375	0.516920307	0.47345846	1.089715719	0.275833096	0.473873424	hsa-mir-4421	1.031751375	0.054929608	0.46633642	0.117781939	0.906240441	0.959327582
hsa-mir-4421	18.21475573	-0.441586969	0.40420291	-1.092488345	0.274618511	0.473873424	hsa-mir-5010-5p	18.21475573	0.304130357	0.399938319	0.760443154	0.446989737	0.616941878
hsa-mir-5010-5p	61.74654832	0.235262946	0.215944157	1.089461968	0.275950217	0.473873424	hsa-mir-651-5p	61.74654832	0.252528241	0.219327054	1.151377524	0.249576956	0.424308941
hsa-mir-651-5p	19.67128807	0.36353087	0.335185035	-1.084580303	0.278107583	0.473873424	hsa-mir-5700	19.67128807	-0.821818758	0.379709224	-2.166331827	0.030438892	0.079653854
hsa-mir-5700	7.909458041	-0.333087156	0.308137379	-1.080841975	0.279767143	0.478067666	hsa-mir-3916	7.909458041	0.663595057	0.425408757	1.559898949	0.11878335	0.244166186
hsa-mir-3916	3.338860757	0.452272432	0.422328673	1.072109144	0.283671012	0.483646298	hsa-mir-3160-3p	3.338860757	0.761015021	0.541435456	1.405550768	0.159857564	0.304434625
hsa-mir-4519	5.722468009	0.572468009	0.539887686	1.060346483	0.289886999	0.491602604	hsa-mir-6854-5p	5.722468009	-0.094247786	0.515221593	-0.182924573	0.854874731	0.924729333
hsa-mir-6854-5p	6.996956522	0.445897748	0.428611696	1.040330332	0.293196457	0.504986673	hsa-mir-939-5p	6.996956522	-0.360222416	0.453650493	-0.79407481	0.427115188	0.602355947
hsa-mir-939-5p	24.13925562	0.290219392	0.279922792	1.036783716	0.299836666	0.506636363	hsa-mir-4797-3p	24.13925562	0.025827728	0.290542831	0.088894734	0.929165568	0.968839201
hsa-mir-4797-3p	34.40186711	-0.242813727	0.236361489	-1.030553405	0.302750296	0.510427559	hsa-mir-627-3p	34.40186711	-0.352332057	0.243769692	-1.445430126	0.148337106	0.287426264

hsa-miR-215-5p	11632.55024	-0.138744322	0.13505284	-1.027333611	0.304263401	0.511838654	hsa-miR-215-5p/192	11632.55024	-0.522335113	0.135132743	-3.865348261	0.000110931	0.000574622
hsa-miR-5000-3p	18.82526946	0.30862482	0.301668224	1.023060421	0.306279279	0.514087933	hsa-miR-5000-3p	18.82526946	-0.089263595	0.316235745	-0.288269149	0.777737139	0.873706991
hsa-miR-2114-5p	1.614661855	0.532670838	0.530127332	1.004797915	0.314994168	0.527545543	hsa-miR-2114-5p	1.614661855	1.597858481	0.535602802	2.983289995	0.002851677	0.010402595
hsa-miR-185-3p	103.2205728	-0.182470682	0.182102793	-1.002020228	0.316333824	0.528137867	hsa-miR-185-3p	103.2205728	-0.274246564	0.185779229	-1.476196048	0.13998127	0.273104314
hsa-miR-4786-5p	4.231261019	-0.536238623	0.536185785	-1.000098545	0.31726282	0.528137867	hsa-miR-4786-5p	4.231261019	-0.038432759	0.535026104	-0.071833428	0.94273447	0.97976888
hsa-miR-5484k	7.062289832	-0.448838422	0.448993934	-0.999730685	0.317440858	0.528137867	hsa-miR-5484k/5484	7.062289832	-1.160065168	0.47211904	-2.457145487	0.014004596	0.041532714
hsa-miR-300-3p	33.23204519	-0.273121462	0.27455713	-0.99477097	0.319847668	0.530975186	hsa-miR-300-3p	33.23204519	0.23478638	0.27269576	0.860982879	0.389247473	0.56112298
hsa-miR-6770-3p	8.53183167	0.426354734	0.432627947	0.985499571	0.324378554	0.537318689	hsa-miR-6770-3p	8.53183167	-0.411813544	0.453768353	-0.90754135	0.364120593	0.540959276
hsa-miR-5697	2.990995284	-0.550190894	0.559923645	-0.983825158	0.325201487	0.537505515	hsa-miR-5697	2.990995284	-0.845202177	0.55760919	-1.575760846	0.129579836	0.258162904
hsa-miR-4436b-3p	1.391998945	-0.423897712	0.435198948	-0.974032024	0.330040639	0.543132095	hsa-miR-4436b-3p	1.391998945	-0.327476817	0.433438449	-0.755532458	0.449929564	0.619849772
hsa-miR-4482-3p	10.5233576	-0.364654147	0.374186394	-0.974525405	0.329795732	0.543132095	hsa-miR-4482-3p	10.5233576	-0.387435334	0.383547733	-1.0101359	0.312430184	0.494415995
hsa-miR-186-5p	87488.67323	0.054090225	0.055647778	0.972019246	0.331040974	0.543596567	hsa-miR-186-5p	87488.67323	-0.290324187	0.055671559	-5.214946253	1.84E-07	1.44E-06
hsa-miR-6514-5p	4.282909909	-0.538287682	0.55198367	-0.967345589	0.333371301	0.546238257	hsa-miR-6514-5p	4.282909909	-1.221180248	0.558071835	-2.188213364	0.028654064	0.07528598
hsa-miR-3944-3p	2.810889773	-0.538287682	0.557447741	-0.965628959	0.334229879	0.546462243	hsa-miR-3944-3p	2.810889773	-0.969138749	0.554668305	-1.74724018	0.080595685	0.1804693
hsa-miR-615-3p	101.6960589	-0.145344621	0.15108275	-0.96201996	0.336039578	0.548236983	hsa-miR-615-3p	101.6960589	-0.55974751	0.159136982	-3.49368665	0.0004764	0.002152108
hsa-miR-4638-3p	7.681331954	0.457104112	0.478200107	0.955884587	0.339130547	0.552089944	hsa-miR-4638-3p	7.681331954	0.65591113	0.480232935	1.364735907	0.17233607	0.324669499
hsa-miR-486-3p/486-5p	738.5044707	0.142369429	0.149179583	0.9543494288	0.339906867	0.552166305	hsa-miR-486-3p/486-5p	738.5044707	0.82446389	0.148790923	5.541089967	3.01E-08	2.68E-07
hsa-miR-3166	1.292067907	-0.478136355	0.504989124	-0.946825056	0.343727932	0.557177825	hsa-miR-3166	1.292067907	-0.280573594	0.503352102	-0.57410196	0.577247201	0.726168381
hsa-miR-550a-3-5p	1.854751185	-0.481520881	0.51011044	-0.949594178	0.345193064	0.558357157	hsa-miR-550a-3-5p	1.854751185	-0.644368454	0.506202928	-1.272944936	0.20307582	0.364342266
hsa-miR-583	5.827917812	0.512035054	0.560155299	0.928947837	0.35291612	0.569692257	hsa-miR-583	5.827917812	0.33753061	0.559837479	0.602908206	0.545657957	0.658494574
hsa-miR-4690-5p	1.973841027	0.511527628	0.556117582	-0.919819197	0.35760725	0.576062252	hsa-miR-4690-5p	1.973841027	0.711345931	0.555550973	1.280433237	0.200392811	0.361758799
hsa-miR-103a-2-5p	11.71852131	0.371942719	0.406617473	0.914734963	0.360307855	0.577772882	hsa-miR-103a-2-5p	11.71852131	0.272912855	0.413649956	0.65976764	0.509402953	0.660781121
hsa-miR-224-3p	1.430297474	0.479503505	0.524745449	0.913783066	0.360830846	0.577722862	hsa-miR-224-3p	1.430297474	0.463884805	0.52183105	0.888959527	0.374026766	0.551458819
hsa-miR-1578	1328.004288	-0.069216723	0.075771184	-0.913496655	0.360981392	0.578591774	hsa-miR-276-5p	1328.004288	0.18466778	0.07595121	2.443503382	0.014931618	0.043780631
hsa-miR-1538	4.587110596	0.442591165	0.46979762	0.906694471	0.364581607	0.578892282	hsa-miR-1538	4.587110596	-0.378606192	0.494532219	-0.765852398	0.443924821	0.615245441
hsa-miR-2355-5p	50.17962269	-0.241580089	0.266223099	-0.907442474	0.364176945	0.578591774	hsa-miR-2355-5p	50.17962269	0.218038932	0.265388895	0.821582729	0.411314422	0.587484018
hsa-miR-545-5p	18.32698245	-0.31320685	0.344448376	-0.909311709	0.363185611	0.578591774	hsa-miR-545-5p	18.32698245	-0.362337943	0.351467709	-1.030928116	0.30257453	0.481763136
hsa-miR-744-3p	82.89913072	-0.148690552	0.163632356	-0.90886743	0.363515504	0.578591774	hsa-miR-744-3p	82.89913072	-0.163338842	0.167859778	-0.973067188	0.33051991	0.509551529
hsa-miR-3939	4.358718006	-0.4964693	0.549860477	-0.902900501	0.366578705	0.579778015	hsa-miR-3939	4.358718006	-0.73224315	0.552653741	-1.324942292	0.185190292	0.341186285
hsa-miR-579-3p	4.218282907	-0.474440049	0.525771634	-0.902369047	0.366668058	0.579778015	hsa-miR-579-3p	4.218282907	-0.49529133	0.530224293	-0.935304806	0.349631239	0.526479598
hsa-miR-4516	1.026718866	0.421778602	0.470045772	0.897314849	0.369550935	0.582812621	hsa-miR-4516	1.026718866	-0.013394096	0.462432018	-0.028964466	0.976892931	0.984500929
hsa-miR-26b-3p	404.653767	-0.082084048	0.091698	-0.89515361	0.370703509	0.583414878	hsa-miR-26b-3p	404.653767	-0.310997872	0.09430662	-3.29731077	0.000974694	0.004071707
hsa-miR-190a-5p	11.10333937	0.325990889	0.366758305	0.888843919	0.374086969	0.586301937	hsa-miR-190a-5p	11.10333937	0.27262167	0.37553211	0.725960895	0.467862744	0.634664206
hsa-miR-619-5p	19.94897134	-0.325878545	0.366129255	-0.890064209	0.37343141	0.586301937	hsa-miR-619-5p	19.94897134	0.331469562	0.362366058	0.91473678	0.360329831	0.537566088
hsa-miR-6818-5p	5.809859009	-0.431338403	0.487719106	-0.88449279	0.376430253	0.588755581	hsa-miR-6818-5p	5.809859009	-0.229324497	0.490398294	-0.467629067	0.640049874	0.779496477
hsa-miR-1266-5p	3.567395359	-0.490516336	0.556182286	-0.882020116	0.377765929	0.589666409	hsa-miR-1266-5p	3.567395359	-0.101727505	0.556202488	-0.182896529	0.854879206	0.92479333
hsa-miR-1684-5p	1.182808988	-0.488342335	0.558288447	-0.874714932	0.381729939	0.594566178	hsa-miR-1684-5p	1.182808988	-0.627446476	0.55723077	-1.152972415	0.260177196	0.436005977
hsa-miR-6294-5p	3.619192964	0.361932964	0.427471993	0.846693953	0.397165714	0.617366257	hsa-miR-6294-5p	3.619192964	0.272198148	0.424634472	0.641017548	0.521511282	0.674233388
hsa-miR-502-5p	7.074807338	0.34367257	0.407553687	0.843257173	0.399084629	0.618072354	hsa-miR-502-5p	7.074807338	-0.085085425	0.427110272	-0.199211846	0.842097034	0.919756657
hsa-miR-6735-5p	1.643089259	-0.461619836	0.54762465	-0.842949338	0.399256778	0.618072354	hsa-miR-6735-5p	1.643089259	-0.43807508	0.545208938	-0.803499446	0.421686117	0.596812592
hsa-miR-212-5p	8.8404438	0.337229585	0.402999046	0.838047673	0.402196393	0.618550436	hsa-miR-212-5p	8.8404438	0.846219499	0.399546319	2.117950932	0.034199223	0.08678842
hsa-miR-500a-3p	816.3593944	-0.114454428	0.136566947	-0.838119321	0.400260699	0.618550436	hsa-miR-500a-3p	816.3593944	-0.296206195	0.137351237	-2.156559874	0.031309724	0.08064007
hsa-miR-662a	4.033710153	0.470433342	0.559426467	0.840918995	0.400393317	0.618550436	hsa-miR-662a	4.033710153	-1.183526176	0.554416015	-2.134775809	0.032783414	0.083791817
hsa-miR-1292-5p	1.987058678	0.468397743	0.560376881	0.835862899	0.403323037	0.619161565	hsa-miR-1292-5p	1.987058678	0.162226938	0.559229833	0.290089922	0.771747446	0.87349861
hsa-miR-107/103a-3p/103b	47629.3172	0.05629556	0.06750523	0.8339943689	0.404312716	0.619564223	hsa-miR-107/103a-3p	47629.3172	-0.052950151	0.067528883	-0.784111166	0.4329774884	0.608357116
hsa-miR-4676-3p	3.498703131	-0.415376008	0.500289575	-0.830271165	0.406385487	0.621482452	hsa-miR-4676-3p	3.498703131	-1.302273664	0.526068969	-2.47636093	0.013272932	0.039513672
hsa-miR-33b-3p	26.61934341	-0.217554565	0.263186792	-0.826615777	0.408454419	0.6233837087	hsa-miR-33b-3p	26.61934341	0.051525977	0.265009351	0.194440788	0.845838584	0.921762384

hsa-miR-501-3p	107.6561699	0.138078434	0.168008425	0.821854221	0.41115987	0.626253564	hsa-miR-501-3p	107.6561699	-0.147703208	0.173243381	-0.852576944	0.393894286	0.566770111
hsa-miR-184	4.148208841	-0.342813761	0.428844944	-0.810159389	0.41784857	0.635163389	hsa-miR-184	4.148208841	0.073876924	0.428112127	0.172564326	0.862993816	0.9277449786
hsa-miR-1273d	11.542584484	0.376211034	0.466899633	0.805591712	0.420478306	0.657879915	hsa-miR-1273d	11.542584484	0.718465606	0.467629192	1.5364000247	0.124440226	0.25311537
hsa-miR-449c-5p	73.07270883	0.129943647	0.163521388	0.794658414	0.4246812229	0.664193715	hsa-miR-449c-5p	73.07270883	0.631007919	0.162027118	3.894458702	9.84E-05	0.000516696
hsa-miR-142-5p	6.480421414	0.328673932	0.415293658	0.791423538	0.428685817	0.647749967	hsa-miR-142-5p	6.480421414	-0.021068389	0.4332808	-0.048635254	0.961217944	0.982381261
hsa-miR-664a-5p	5.359990913	0.344865909	0.438400175	0.714252358	0.428698517	0.656071514	hsa-miR-664a-5p	5.359990913	0.478553291	0.444307306	1.0770772202	0.281445756	0.461508511
hsa-miR-548a	4.250219999	0.412975783	0.530990232	0.77774645	0.436718503	0.657628324	hsa-miR-548a	4.250219999	-1.051258722	0.540945743	-1.943371835	0.0051971248	0.8251995562
hsa-miR-4479	7.037257466	-0.419050945	0.541751234	-0.77351175	0.446715803	0.659700834	hsa-miR-4479	7.037257466	0.166280396	0.540649968	-0.363045237	0.716571092	0.1294000527
hsa-miR-1908-3p	1.336640487	-0.390217365	0.510620431	-0.764202412	0.44474663	0.665362053	hsa-miR-1908-3p	1.336640487	-0.618287856	0.504785706	-1.224852146	0.2220630933	0.3869757
hsa-miR-6882-5p	4.691410904	0.337954548	0.442079035	0.764466353	0.444589938	0.665362053	hsa-miR-6882-5p	4.691410904	0.498786419	0.474659963	1.050828926	0.293337168	0.778980164
hsa-miR-34b-3p	1.082524403	0.321333444	0.421719798	0.761954837	0.440869599	0.666056205	hsa-miR-34b-3p	1.082524403	0.196543473	0.418512041	-0.069624416	0.638623377	0.778980164
hsa-miR-1908-5p	2.202198417	0.424058455	0.560664115	0.75635027	0.449349215	0.667826867	hsa-miR-1908-5p	2.202198417	0.025821655	0.560219335	0.046092046	0.963236886	0.982381261
hsa-miR-3912-3p	70.73626194	0.144064262	0.190676349	0.755543422	0.449922989	0.667826867	hsa-miR-3912-3p	70.73626194	0.193482991	0.193876133	0.997972202	0.318292839	0.499623304
hsa-miR-4500	0.940222954	0.248189658	0.332979666	0.74359132	0.466054643	0.675603453	hsa-miR-4500	0.940222954	0.22074894	0.33142182	0.666066404	0.505368657	0.659670569
hsa-miR-2355-3p	7.66681223	0.34354389	0.46198536	0.743668522	0.457070738	0.675795544	hsa-miR-2355-3p	7.66681223	0.429408928	0.33142182	0.921500948	0.356788946	0.534152237
hsa-miR-3121-3p	2.685572668	-0.408922315	0.55537346	-0.736349388	0.461518097	0.67928932	hsa-miR-3121-3p	2.685572668	-0.306526801	0.556451102	-0.550860645	0.581729468	0.72903382
hsa-miR-4504	1.546304261	0.409130793	0.556382722	0.738064156	0.460475464	0.67928932	hsa-miR-4504	1.546304261	0.157085812	0.553456677	0.283826754	0.77654315	0.873706901
hsa-miR-99b-3p	7.697895619	0.06857114	0.092887743	0.738064156	0.460475464	0.67928932	hsa-miR-99b-3p	7.697895619	-0.161788894	0.094209062	-1.717338971	0.085917255	0.40309011
hsa-miR-3187-3p	0.94876608	-0.277772343	0.382777904	-0.725674966	0.468038052	0.685309102	hsa-miR-3187-3p	0.94876608	-0.452679724	0.379075456	-1.194167853	0.232412315	0.40309011
hsa-miR-6505-5p	6.055049802	0.334965749	0.460860734	0.726826402	0.467332307	0.685309102	hsa-miR-6505-5p	6.055049802	0.33465935	0.467512412	0.715829873	0.474096404	0.63842913
hsa-miR-190b	2.782681217	0.390248507	0.54024735	0.722351544	0.470078371	0.685644174	hsa-miR-190b	2.782681217	-0.027981351	0.547526781	-0.05110499	0.95924166	0.982381261
hsa-miR-3929	241.6792063	0.091360751	0.126312633	0.702390688	0.469501313	0.685644174	hsa-miR-3929	241.6792063	1.602684029	0.12066832	13.28302932	2.90E-04	1.61E-38
hsa-miR-489-3p	17.69304195	-0.241414703	0.343560725	-0.702684229	0.482252558	0.689935895	hsa-miR-489-3p	17.69304195	0.166665586	0.326399566	3.359886775	0.000779744	0.0003565896
hsa-miR-508-3p	6.665300098	-0.293364281	0.416324013	-0.70465376	0.481025754	0.699935895	hsa-miR-508-3p	6.665300098	-0.688659081	0.437079809	-1.575545396	0.115130609	0.238550621
hsa-miR-671-5p	128.3672969	0.11551976	0.16436228	0.7028362	0.482157835	0.699935895	hsa-miR-671-5p	128.3672969	-0.140181776	0.168675958	-0.831071466	0.405933258	0.581131752
hsa-miR-1306-5p	1.463704927	0.376134401	0.535304476	0.69199894	0.480937995	0.701970546	hsa-miR-1306-5p	1.463704927	0.0493364602	0.5377275	-0.918020263	0.92685146	0.968403683
hsa-miR-301a-5p	21.55095917	0.242200414	0.351350467	0.689442563	0.490544807	0.701970546	hsa-miR-301a-5p	21.55095917	-0.132782101	0.360659528	-0.686127939	0.712777839	0.827845113
hsa-miR-3942-3p	7.01015729	-0.305178999	0.440432777	-0.6292071	0.488367854	0.701970546	hsa-miR-3942-3p	7.01015729	-0.194943392	0.445924802	-0.437168758	0.661988965	0.793773806
hsa-miR-4664-3p	6.137519831	-0.384319221	0.556782061	-0.690250725	0.490036529	0.701970546	hsa-miR-4664-3p	6.137519831	-0.255390439	0.557195302	-0.45834995	0.646701043	0.78268958
hsa-miR-5096	47.46743979	-0.153888104	0.222436742	-0.691828618	0.489044962	0.701970546	hsa-miR-5096	47.46743979	0.665295486	0.216738917	3.065970961	0.002144565	0.008007825
hsa-miR-548a	16.48079131	0.233232577	0.33514395	0.698890757	0.486497246	0.701970546	hsa-miR-548a	16.48079131	0.377836168	0.339047967	1.1144003286	0.265106214	0.44161029
hsa-miR-5701	150.0652804	0.231532124	0.332348175	0.696655319	0.486018527	0.701970546	hsa-miR-5701	150.0652804	0.878286848	0.331815491	2.646913334	0.008123017	0.026528814
hsa-miR-146b-5p	5450.973409	-0.123250055	0.179387572	-0.687060166	0.492044815	0.702788337	hsa-miR-146b-5p	5450.973409	0.529121212	0.179347329	2.950259779	0.003175068	0.011368793
hsa-miR-1343-3p	93.9264514	0.10349726	0.153278469	0.675232734	0.49953363	0.702788337	hsa-miR-1343-3p	93.9264514	-0.090634005	0.498404943	-0.181848126	0.855701915	0.92472933
hsa-miR-142-3p	4.343377614	-0.357524752	0.536835659	-0.665985476	0.505420384	0.710922623	hsa-miR-142-3p	4.343377614	-0.262322199	0.539071434	-0.486618624	0.626528623	0.772718635
hsa-miR-29b-2-5p	4.829786174	-0.294360158	0.442294089	-0.664748879	0.506191933	0.710922623	hsa-miR-29b-2-5p	4.829786174	-0.336731469	0.454821413	-0.7040359754	0.4459081732	0.627202822
hsa-miR-3177-3p	9.95246543	-0.267662556	0.401538927	-0.666425684	0.50513895	0.710922623	hsa-miR-3177-3p	9.95246543	-0.76828434	0.420263603	-1.828101064	0.067534385	0.156639455
hsa-miR-4694-5p	1.332245711	-0.366926632	0.56842483	-0.668839965	0.503371606	0.710922623	hsa-miR-4694-5p	1.332245711	-0.535391931	0.543950793	-0.984168421	0.32503271	0.504241953
hsa-miR-548a-3p	2.19427346	-0.373730311	0.556842483	-0.671159838	0.50211871	0.710922623	hsa-miR-548a-3p	2.19427346	-0.426122979	0.555240161	-0.767457054	0.442809817	0.61524541
hsa-miR-6888-5p	2.654833181	0.376588098	0.560640471	0.671710513	0.501768007	0.710922623	hsa-miR-6888-5p	2.654833181	0.111082802	0.560189894	0.198294906	0.842814337	0.919756657
hsa-miR-342-5p	37.39949307	-0.170600383	0.554241995	-0.661631051	0.508207703	0.714160261	hsa-miR-342-5p	37.39949307	0.05943347	0.554436943	0.09907964	0.921074956	0.965780246
hsa-miR-500b-5p	3.627693299	0.353452434	0.540578565	0.653841008	0.513314243	0.714160261	hsa-miR-500b-5p	3.627693299	-1.103986079	0.278878052	-3.958669644	7.54E-05	0.000401104
hsa-miR-548a-5p	15.46047528	-0.194329633	0.296745146	-0.654870471	0.512551154	0.714160261	hsa-miR-548a-5p	15.46047528	-0.483424884	0.313884423	-1.54013659	0.123527062	0.251917395
hsa-miR-7706	939.5971358	-0.104700105	0.159911075	-0.654739259	0.512633369	0.719161027	hsa-miR-7706	939.5971358	0.1463345734	0.160028397	0.904498853	0.360452908	0.535766088
hsa-miR-4677-5p	7.09014178	-0.299446376	0.455185395	-0.646909729	0.517693369	0.719161027	hsa-miR-4677-5p	7.09014178	-0.451154836	0.464878041	-0.970479989	0.331807295	0.505223303
hsa-miR-450a-2-3p	4.599878703	0.329496759	0.514822875	0.640019655	0.522159821	0.721878777	hsa-miR-450a-2-3p	4.599878703	-0.087574098	0.523882335	-0.167163678	0.867241263	0.929433395
hsa-miR-6733-5p	3.08771289	0.35784034	0.559051082	0.640085523	0.522117191	0.721878777	hsa-miR-6733-5p	3.08771289	0.957074457	0.558553705	1.713486901	0.086623001	0.188532414

hsa-miR-760	1.308464607	0.222692765	0.348295459	0.639380564	0.52257539	0.721878777	hsa-miR-760	1.308464607	0.302716706	0.347350559	0.871501747	0.383480253	0.560083
hsa-miR-5581-3p	2.463456673	-0.351820062	0.553399215	-0.653575173	0.5254938242	0.724821958	hsa-miR-5581-3p	2.463456673	0.18646399	0.522317421	0.937602949	0.76566292	0.839368135
hsa-miR-4742-3p	4.41396884	-0.330959999	0.527008845	-0.634038558	0.526055642	0.724043857	hsa-miR-4742-3p	4.41396884	-0.481016584	0.5527157567	-0.912472122	0.361520228	0.538124953
hsa-miR-1255b-5p	1.621479499	-0.322737242	0.512546661	-0.629679436	0.528907657	0.726648088	hsa-miR-1255b-5p	1.621479499	-0.643782036	0.506938762	-1.26940442	0.204105846	0.36515305
hsa-miR-301b-5p	1.404015903	0.325759206	0.520102249	0.626633853	0.531094019	0.728330022	hsa-miR-301b-5p	1.404015903	-0.61920134	0.507378424	-1.220393518	0.222315733	0.388362783
hsa-lef-7d-5p	2.122461421	-0.070998743	0.115040059	-0.617165392	0.537125541	0.731841001	hsa-lef-7d-5p	2.122461421	0.048705977	0.115055916	0.026324467	0.672058501	0.384310042
hsa-miR-1286	16.81589299	0.222562417	0.359474225	0.619691907	0.535460545	0.731841001	hsa-miR-1286	16.81589299	0.138178936	0.368178936	0.436785465	0.970650062	0.984500929
hsa-miR-2114-3p	1.527087014	0.339790566	0.548321774	0.619691907	0.535460545	0.731841001	hsa-miR-2114-3p	1.527087014	0.952497663	0.549748444	1.732606381	0.083165654	0.184101748
hsa-miR-548a-5p	3.502345494	-0.308346666	0.500103551	-0.61655564	0.537521264	0.731841001	hsa-miR-548a-5p	3.502345494	-0.861814624	0.518721558	-1.661420486	0.096629026	0.206265806
hsa-miR-4424	5.511707637	0.284334666	0.465872832	0.6103926781	0.54164536	0.73421839	hsa-miR-4424	5.511707637	0.190333813	0.474568036	0.401067494	0.688370423	0.812862957
hsa-miR-4717-3p	4.483325219	0.29878121	0.491804888	0.607519807	0.533506002	0.73421839	hsa-miR-4717-3p	4.483325219	0.361020937	0.509352219	-0.708784459	0.478485243	0.641075661
hsa-miR-548b	2.743634373	-0.326430151	0.536430288	-0.608522969	0.542840677	0.73421839	hsa-miR-548b	2.743634373	-0.710755122	0.545007987	-1.304137073	0.192186851	0.351362783
hsa-miR-6820-5p	1.638430235	0.301909958	0.4932360326	0.612069413	0.540491834	0.73421839	hsa-miR-6820-5p	1.638430235	0.239866091	0.490587624	0.488925891	0.624894155	0.771928086
hsa-miR-584-3p	1.639212938	-0.313139322	0.51903435	-0.603311364	0.546301574	0.735854612	hsa-miR-584-3p	1.639212938	-0.012432184	0.51852818	-0.023975908	0.980871825	0.987224622
hsa-miR-186-3p	12.02411282	-0.244662121	0.406908392	-0.601270768	0.547659656	0.73637364	hsa-miR-186-3p	12.02411282	-0.438177986	0.416243022	-1.052697494	0.292479658	0.473892861
hsa-miR-29b-1-5p	35.63978409	0.160590931	0.270628422	0.593400094	0.552913426	0.738536943	hsa-miR-29b-1-5p	35.63978409	0.90926545	0.266110409	3.416877033	0.000633439	0.002780689
hsa-miR-16-1-3p	20.16196415	0.197884092	0.331245372	0.597394284	0.550244169	0.738536943	hsa-miR-16-1-3p	20.16196415	0.36283444	0.334247953	1.084175497	0.278286994	0.458112776
hsa-miR-597-3p	2.806557527	0.328261899	0.557953756	-0.591844798	0.553954522	0.739583021	hsa-miR-597-3p	2.806557527	-0.101942509	0.554387221	-1.823531406	0.068222945	0.15776556
hsa-miR-3144-3p	2.94936137	-0.338261899	0.554304679	-0.592294814	0.553713446	0.739583021	hsa-miR-3144-3p	2.94936137	-0.115856037	0.551511576	-1.36398567	0.172572076	0.324669499
hsa-miR-548a-3p	10.67240605	-0.242233497	0.411801478	-0.588236105	0.556573326	0.741505258	hsa-miR-548a-3p	10.67240605	-0.115856037	0.416071262	-0.278452389	0.780665108	0.875291182
hsa-miR-1296-3p	1.0213374	0.276297649	0.471414205	0.58569751	0.558078807	0.742470399	hsa-miR-1296-3p	1.0213374	-0.408380465	0.460850022	-0.88616133	0.375538786	0.552639464
hsa-miR-296-3p	33.49191692	0.15576872	0.267449664	0.58242257	0.560282083	0.746093924	hsa-miR-296-3p	33.49191692	2.0354488102	0.244343541	8.382876523	8.177-17	1.59E-15
hsa-miR-6513-5p	2.790122307	-0.323679819	0.560522897	-0.577460477	0.56362843	0.746990734	hsa-miR-6513-5p	2.790122307	0.259144847	0.560036445	0.462233349	0.643913299	0.781751829
hsa-miR-653-5p	46.80474327	0.152596757	0.26476099	0.57635665	0.564374139	0.746990734	hsa-miR-653-5p	46.80474327	1.90811242	0.250046539	7.63102911	2.33E-13	3.62E-13
hsa-miR-548a-3p/548a-5p/548b-5p	5.555202976	0.296318945	0.526120113	0.563215392	0.573288223	0.757380777	hsa-miR-548a-3p/548a-5p/548b-5p	5.555202976	0.526678341	0.527215095	0.998981908	0.317803456	0.499623304
hsa-miR-941	1.767373707	0.258779581	0.461317517	0.560959769	0.574826421	0.758089897	hsa-miR-6511b-5p	1.767373707	0.157630469	0.458951427	0.343457846	0.731254008	0.839267994
hsa-miR-6884-5p	3.685046886	0.090586766	0.161924639	0.559437812	0.575862962	0.758156108	hsa-miR-941	3.685046886	0.738990534	0.161860966	4.565588303	4.98E-06	3.12E-05
hsa-miR-3648	7.308566422	-0.249039019	0.448942997	-0.544723029	0.579084122	0.761053265	hsa-miR-3648	7.308566422	0.113421495	0.449088278	0.252559465	0.800608657	0.890635311
hsa-miR-6884-5p	1.433210879	-0.253611794	0.458490371	-0.553145302	0.580163918	0.761150929	hsa-miR-6884-5p	1.433210879	-0.015604434	0.457396511	-0.034115771	0.972784833	0.984500929
hsa-miR-2682-5p	1305.705778	-0.042420262	0.077036087	-0.550654416	0.581870599	0.762069279	hsa-miR-2682-5p	1305.705778	1.2293005578	0.075664016	16.24869845	2.35E-59	3.04E-57
hsa-miR-304-5p	30.36590974	0.126463848	0.235020946	0.538096071	0.590510725	0.766906229	hsa-miR-304-5p	30.36590974	0.603114969	0.233170493	2.586583578	0.009693266	0.030247661
hsa-miR-365a-3p	62484.51138	0.048094957	0.089720658	0.536052207	0.59192247	0.766906229	hsa-miR-304-5p	62484.51138	0.22686847	0.089725857	2.529777675	0.011413482	0.034644702
hsa-miR-4515	32.56640855	-0.150223693	0.277647514	-0.541059026	0.588466899	0.766906229	hsa-miR-365a-3p	32.56640855	0.040671417	0.2800483	0.145230008	0.884529274	0.941478419
hsa-miR-548a-5p/548c-5p/548b-5p/548m-5p	27.49592772	-0.126622142	0.224499881	-0.539113886	0.589808275	0.766906229	hsa-miR-548a-5p/548c-5p/548b-5p/548m-5p	27.49592772	-0.101874338	0.241554316	-0.421745052	0.673211116	0.803510042
hsa-miR-586	3.614306477	-0.270382465	0.505395365	-0.534991973	0.5925585408	0.766906229	hsa-miR-586	3.614306477	-0.10129193	0.530567282	-2.452663426	0.014180295	0.041893874
hsa-miR-624-3p	13.08814081	0.180089465	0.332116633	0.542248094	0.587647608	0.766906229	hsa-miR-624-3p	13.08814081	0.129651297	0.341542857	0.379604768	0.704238821	0.828284654
hsa-lef-7l-5p	228249.3612	-0.053372336	0.100977444	-0.528572018	0.597112784	0.771355593	hsa-lef-7l-5p	228249.3612	-0.295560557	0.10098178	-2.926870156	0.003423918	0.012147873
hsa-miR-4795-5p	1.483968256	-0.286151608	0.38293975	-0.527043153	0.598163822	0.771396698	hsa-miR-4795-5p	1.483968256	0.082662846	0.542856508	0.152273841	0.878970956	0.938132463
hsa-miR-6738-3p	0.997512137	-0.200933852	0.38293975	-0.524710364	0.598493855	0.7729150713	hsa-miR-6738-3p	0.997512137	0.260333317	0.383494819	0.678489685	0.497273109	0.653722717
hsa-miR-10a-5p	1003060.313	-0.046832603	0.089906943	-0.5229090848	0.602430848	0.7729150713	hsa-miR-10a-5p	1003060.313	0.276908517	0.089907024	3.079944217	0.002070394	0.007771478
hsa-miR-937-3p	5.8417286	-0.273638378	0.523979746	-0.52223083	0.601509623	0.7729150713	hsa-miR-937-3p	5.8417286	-0.615192773	0.530141929	-1.160430329	0.242873664	0.420828648
hsa-miR-581	1.407121317	-0.261937703	0.504975691	-0.51871349	0.603960553	0.773600911	hsa-miR-581	1.407121317	-0.5328480722	0.499324265	-1.067123629	0.285916013	0.465737405
hsa-miR-1910-5p	40.18694304	-0.130020739	0.251445446	-0.517092314	0.605019017	0.7737396771	hsa-miR-1910-5p	40.18694304	-1.467104451	0.279076749	-5.256992927	1.46E-07	1.18E-06
hsa-miR-513a-5p	1.589797731	-0.266620644	0.517201541	-0.554968283	0.606199128	0.7737396771	hsa-miR-513a-5p	1.589797731	-0.288446103	0.514217042	-0.560942326	0.574838855	0.725078305
hsa-miR-548a1	8.750650414	-0.214464511	0.424695129	-0.504984626	0.613366934	0.780625568	hsa-miR-548a1	8.750650414	-0.505532815	0.437671491	-1.155705822	0.248069615	0.422697568
hsa-miR-618	5.669781141	-0.213856997	0.42336455	-0.50513676	0.613462784	0.780625568	hsa-miR-618	5.669781141	-0.154903356	0.4323393705	-0.358246094	0.720159155	0.829478067

hsa-mir-6516-3p	3.62787042	0.275471384	0.549260977	0.501530959	0.615997495	0.782399505	hsa-mir-6516-3p	3.62787042	0.102372	0.551980568	0.18546305	0.852865859	0.92472933
hsa-mir-1256	3.278080976	0.265968806	0.547466552	0.48551308	0.627099189	0.792510995	hsa-mir-1256	3.278080976	-0.374366186	0.53493482	-0.676614127	0.496650814	0.65437193
hsa-mir-197-3p	14.34170779	0.170933431	0.350977151	0.487020703	0.62624366	0.792510995	hsa-mir-197-3p	14.34170779	0.876662610	0.544784106	2.544756565	0.011005109	0.533332133
hsa-mir-3664-3p	4.76335416	0.239236385	0.49208817	0.48616569	0.626849695	0.792510995	hsa-mir-3664-3p	4.76335416	0.027308234	0.501409564	0.054462929	0.956566343	0.982381261
hsa-mir-499a-5p	5.173409621	-0.220249085	0.45951335	-0.483059392	0.629057443	0.793660807	hsa-mir-499a-5p	5.173409621	-0.74667277	0.477773601	-1.562817134	0.118095613	0.2439807
hsa-mir-636	3.058711433	0.263404971	0.559502086	0.462084631	0.637794556	0.803345223	hsa-mir-636	3.058711433	0.257547333	0.560001995	0.459904357	0.645584904	0.88251676
hsa-mir-204-5p	1.188811962	0.24617639	0.532749798	0.462084631	0.640794666	0.804492963	hsa-mir-204-5p	1.188811962	-0.32970047	0.523380722	-0.629994387	0.528731317	0.782432282
hsa-mir-3125	1.322495903	-0.257003502	0.549971174	-0.467203587	0.640482691	0.804492963	hsa-mir-3125	1.322495903	-0.702273257	0.542656373	-1.294199888	0.19561106	0.35595896
hsa-mir-3134	1.683305566	-0.257061867	0.551975143	-0.465712759	0.641421118	0.804492963	hsa-mir-3134	1.683305566	-0.593913079	0.547434509	-1.084900252	0.277964882	0.458112276
hsa-mir-4714-3p	1.044368183	0.211337742	0.45577949	0.46371948	0.642811144	0.804492963	hsa-mir-4714-3p	1.044368183	0.030128716	0.451183865	0.066777025	0.946759214	0.978972542
hsa-mir-5001-3p	8.84903681	0.226281197	0.489685677	0.462094783	0.644013351	0.804492963	hsa-mir-5001-3p	8.84903681	-0.977255975	0.506302015	-1.930183854	0.035354061	0.12930067
hsa-mir-597-5p	4.176649808	0.243875552	0.532905153	0.457634066	0.647215565	0.805825709	hsa-mir-597-5p	4.176649808	0.202622639	0.536398308	0.377746603	0.705618844	0.823212985
hsa-mir-597-3p	1.720414449	-0.240147098	0.523143568	-0.459046259	0.646200948	0.805825709	hsa-mir-597-3p	1.720414449	-0.414450492	0.519213254	-0.798227874	0.424738265	0.60039331
hsa-mir-3620-5p	6.704581558	-0.204464296	0.450939946	-0.453418621	0.65024733	0.806946277	hsa-mir-3620-5p	6.704581558	0.211628948	0.450032981	0.470252086	0.638174925	0.778980164
hsa-mir-652-5p	7.376647795	0.229181018	0.50471879	0.454076652	0.649773658	0.806946277	hsa-mir-652-5p	7.376647795	-0.095806054	0.510987084	-0.187492517	0.851274491	0.92472933
hsa-mir-887-5p	1.65164591	-0.245297006	0.547800732	-0.44777851	0.654308298	0.810656926	hsa-mir-887-5p	1.65164591	-1.133052004	0.536594176	-2.111562246	0.034724014	0.087599216
hsa-mir-1972	14.10453224	0.143397932	0.324549369	0.441837038	0.658607135	0.814259155	hsa-mir-1972	14.10453224	0.665438716	0.321213041	2.0716429	0.038298756	0.095378633
hsa-mir-304-3p	11.41.1824	0.044319904	0.100605777	0.440530204	0.659552992	0.814259155	hsa-mir-304-3p	11.41.1824	-0.268245312	0.101558126	-2.641298874	0.008258895	0.026582616
hsa-mir-3177-5p	0.981519606	-0.202617586	0.46152089	-0.43930204	0.660442697	0.814259155	hsa-mir-3177-5p	0.981519606	-0.37325371	0.45655195	-0.738854299	0.459995476	0.627702822
hsa-mir-4766-3p	6.319221335	0.201617586	0.460722874	-0.437611409	0.661668	0.814443375	hsa-mir-4766-3p	6.319221335	-0.2491281684	0.46863172	-0.53193515	0.594770911	0.741792934
hsa-mir-1307-3p	9.41.2984689	-0.061954363	0.142486971	-0.434807214	0.663702368	0.815621254	hsa-mir-1307-3p	9.41.2984689	-0.24383133	0.143129239	-1.703574555	0.088460598	0.191495929
hsa-mir-3684	13.32133421	-0.143025282	0.331356445	-0.431653734	0.666006183	0.816600059	hsa-mir-3684	13.32133421	-0.444788359	0.347584904	-1.279654864	0.200666721	0.361758799
hsa-mir-548a-3p	2.195047171	-0.221181155	0.515116446	-0.430285882	0.667073955	0.816600059	hsa-mir-548a-3p	2.195047171	-0.129307573	0.513617495	-0.251758201	0.801227905	0.890635311
hsa-mir-766-5p	2.196689126	0.240237204	0.558483255	-0.429160084	0.667073955	0.816600059	hsa-mir-766-5p	2.196689126	-1.32949593	0.557003749	-2.37876802	0.017372584	0.04962683
hsa-mir-125b-5p	8797.610224	-0.064970749	0.152974714	-0.4247415612	0.671044001	0.819330709	hsa-mir-125b-5p	8797.610224	-0.061387315	0.153015869	-0.401182622	0.688828567	0.812862957
hsa-mir-3609	1.333303309	-0.203070268	0.485487597	-0.418281063	0.675741634	0.82373014	hsa-mir-3609	1.333303309	-0.720731221	0.4777192452	-1.510357546	0.130952215	0.259565998
hsa-mir-4522	3.234193428	0.2325201457	0.559436273	0.401155456	0.687703065	0.824792958	hsa-mir-4522	3.234193428	-0.347831512	0.560340921	-0.620749795	0.534764262	0.687252117
hsa-mir-1304-5p	7.260276729	-0.193093834	0.474297478	-0.407151995	0.683923192	0.831027057	hsa-mir-1304-5p	7.260276729	-0.227226974	0.480141391	-0.473250125	0.63603474	0.778980164
hsa-mir-944	4.614172068	-0.22999959	0.553730918	-0.404527763	0.685826466	0.832002039	hsa-mir-944	4.614172068	-0.54496109	0.555819587	-0.980463969	0.326857137	0.505912341
hsa-mir-105-3p	9.875193962	0.152457338	0.381379337	0.399752486	0.68933883	0.833133557	hsa-mir-105-3p	9.875193962	-0.631986929	0.407886408	-1.549418948	0.1121281042	0.248642136
hsa-mir-15a-3p	2.11575142	-0.21651761	0.54498566	-0.39728179	0.691159674	0.833133557	hsa-mir-15a-3p	2.11575142	-1.701801411	0.55595483	-3.063022404	0.002191137	0.008145996
hsa-mir-3165	1.82501422	0.209011834	0.523383568	0.39902678	0.690891231	0.833133557	hsa-mir-3165	1.82501422	-0.015063715	0.520203493	-0.028957351	0.976896605	0.984500929
hsa-mir-5695	2.279318859	0.222322776	0.557734367	0.398617673	0.690174937	0.833133557	hsa-mir-5695	2.279318859	-0.036623516	0.555919981	-0.065879114	0.947474069	0.978972542
hsa-mir-144-5p	4.486693719	0.212294255	0.546038103	0.388790184	0.697431363	0.839356982	hsa-mir-144-5p	4.486693719	1.79721126	0.53676055	3.348255119	0.000813221	0.003471829
hsa-mir-1273g-3p	26.57540281	0.10620002	0.281903317	0.376724973	0.706378002	0.848774838	hsa-mir-1273g-3p	26.57540281	0.985993221	0.274094083	3.597280211	0.000321562	0.001523498
hsa-mir-148b-5p	1507.447576	-0.038554288	0.103751254	-0.371603099	0.710188382	0.849309012	hsa-mir-148b-5p	1507.447576	0.411984041	0.103675633	3.973778896	7.07E-05	0.000381708
hsa-mir-548a-p-5p/548l-5p	3.815713509	0.192150406	0.517047929	0.371629777	0.710168516	0.849309012	hsa-mir-548a-p-5p/548l-5p	3.815713509	0.006569355	0.524491265	0.012525538	0.990006328	0.995129259
hsa-mir-6847-5p	2.170599426	-0.202711156	0.545380647	-0.3716888217	0.710124999	0.849309012	hsa-mir-6847-5p	2.170599426	-0.216808129	0.543485205	-0.389821993	0.668995683	0.821496888
hsa-mir-4745-5p	2.548234035	-0.20669038	0.559769189	-0.369242153	0.711904768	0.850069940	hsa-mir-4745-5p	2.548234035	-0.811767578	0.557239312	-1.456766577	0.145180839	0.282013779
hsa-le1-7b-5p	11676.72235	-0.072060729	0.197928015	-0.364075438	0.711580173	0.850666578	hsa-le1-7b-5p	11676.72235	0.129895273	0.197938245	0.656241409	0.511666890	0.662611108
hsa-mir-3136-5p	7.644698108	-0.180080116	0.491960437	-0.366045931	0.714330802	0.850646578	hsa-mir-3136-5p	7.644698108	-1.155441797	0.50848469	-2.272323669	0.023066968	0.064010837
hsa-mir-652-3p	107.0705776	0.055643586	0.152276662	0.3664239085	0.715679483	0.850646578	hsa-mir-652-3p	107.0705776	0.085251421	0.155763383	0.5473133619	0.584163289	0.730909623
hsa-mir-766-3p	1.366162791	0.177660363	0.493498971	0.3570001681	0.723358067	0.852925528	hsa-mir-766-3p	1.366162791	0.363509367	0.492108808	-0.728665437	0.1460110178	0.627202822
hsa-mir-219a-5p	5.168665473	0.160843726	0.454689831	0.353743838	0.728330866	0.857140635	hsa-mir-219a-5p	5.168665473	-0.727895905	0.47743255	-1.52460469	0.127357727	0.256365165
hsa-mir-548a1	1.971965124	0.194938552	0.554810421	0.351360654	0.725317796	0.857914956	hsa-mir-548a1	1.971965124	-0.370330515	0.558743622	-0.662898869	0.507393326	0.660378842
hsa-mir-105-5p	28.51925601	0.10315285	0.30419875	0.339110267	0.734526664	0.858312566	hsa-mir-105-5p	28.51925601	-0.226029388	0.31327086	-0.721514245	0.470593179	0.637022474
hsa-mir-1291	1.167847229	0.163571426	0.487053133	0.333838978	0.736992929	0.858312566	hsa-mir-1291	1.167847229	0.026646524	0.482675115	0.055197633	0.955981015	0.983281261
hsa-mir-3195	22.08627871	-0.189867147	0.550680451	-0.3370318852	0.736092889	0.858312566	hsa-mir-3195	22.08627871	-0.090296863	0.560679372	-0.161000643	0.872092973	0.393355702
hsa-mir-3199	2.485033691	0.193035465	0.559534795	0.344929781	0.730097998	0.858312566	hsa-mir-3199	2.485033691	-0.344116475	0.557480774	-0.611996645	0.540539845	0.691926622
hsa-mir-4508	1.17637872	0.174722786	0.507541987	0.34425484	0.730654643	0.858312566	hsa-mir-4508	1.17637872	-0.610969381	0.494748785	-1.2349083	0.216864634	0.382094831

hsa-miR-4521	42.94799576	-0.088497954	0.2624913	-0.337146236	0.736006664	0.858312566	hsa-miR-4521	42.94799576	0.565010692	0.259421015	2.177968088	0.029408413	0.07693716
hsa-miR-4742-5p	0.942982	-0.142384312	0.416271546	-0.29382577	0.732315742	0.858312566	hsa-miR-4742-5p	0.942982	-0.255092286	0.412553217	-0.61832577	0.536366616	0.887709901
hsa-miR-5488e-5p	5.3606503	0.149366276	0.427879057	-0.34908527	0.727025259	0.858312566	hsa-miR-5488e-5p	5.3606503	0.184917777	0.437103739	-0.42305238	0.672257045	0.803510042
hsa-miR-6764-3p	4.761876912	0.177479078	0.522469005	0.339693027	0.734087714	0.858312566	hsa-miR-6764-3p	4.761876912	-0.058143364	0.528411777	-0.11003069	0.912383149	0.960683004
hsa-miR-744-5p	2997.721611	0.040254769	0.118695898	0.339142044	0.734502727	0.858312566	hsa-miR-744-5p	2997.721611	-0.417321532	0.119075588	-3.504677482	0.000457161	0.002090734
hsa-miR-1276	7.735264214	-0.132224857	0.395942664	-0.333005662	0.738417335	0.858561419	hsa-miR-1276	7.735264214	-0.867068315	0.42598878	-2.035425238	0.041808104	0.103126657
hsa-miR-155-3p	1.105138134	0.164291023	0.497766086	-0.330056682	0.741357134	0.86074747	hsa-miR-155-3p	1.105138134	-0.204940672	0.49043952	-0.417870129	0.676042073	0.805651366
hsa-miR-4524a-5p	1.9543887233	-0.165164563	0.518572231	-0.318498664	0.750106708	0.869574401	hsa-miR-4524a-5p	1.9543887233	0.235716572	0.518748977	1.342193815	0.179533161	0.334525818
hsa-miR-127-3p	3.627710819	0.175163143	0.55660225	0.314700745	0.752988878	0.870248215	hsa-miR-127-3p	3.627710819	1.189209178	0.554309249	2.1445389385	0.031921727	0.082479701
hsa-miR-888-5p	13.67711471	0.108762434	0.345547446	0.314959325	0.762024092	0.870248215	hsa-miR-888-5p	13.67711471	0.463923248	0.345645497	1.342193815	0.179533161	0.334525818
hsa-miR-483-3p	221.007997	0.062072038	0.203405154	0.305164433	0.762024092	0.876910232	hsa-miR-483-3p	221.007997	0.750152023	0.202482446	3.704775595	0.000211578	0.001053821
hsa-miR-532-3p	7.320739278	-0.123094468	0.40692424	-0.302499718	0.762271148	0.876910232	hsa-miR-532-3p	7.320739278	0.147652291	0.409445084	0.360615616	0.718386814	0.829400527
hsa-miR-642a-5p	54.0937124	-0.062150304	0.208363915	-0.298278617	0.765490523	0.877994433	hsa-miR-642a-5p	54.0937124	0.029690995	0.203987422	3.317776516	0.000907371	0.003810956
hsa-miR-29c-5p	1.847519435	-0.13562594	0.461747763	-0.293723321	0.768969332	0.880652003	hsa-miR-29c-5p	1.847519435	-0.67684677	0.203987422	3.317776516	0.000907371	0.003810956
hsa-miR-5488q-5p	81.33469161	0.059753214	0.20972336	0.284914444	0.77570969	0.880678358	hsa-miR-5488q-5p	81.33469161	-0.171499304	0.459656214	-0.373103417	0.709071476	0.8260098
hsa-miR-133a-3p	1.544258749	-0.153044721	0.525105462	-0.291455207	0.770703197	0.880678358	hsa-miR-133a-3p	1.544258749	0.454512324	0.526892854	0.862627611	0.388342245	0.560858595
hsa-miR-2110	1.662989327	0.157779121	0.546273931	0.288827843	0.772713124	0.880678358	hsa-miR-2110	1.662989327	-0.414555174	0.539831584	-0.767905821	0.442543139	0.61524541
hsa-miR-3928-3p	38.67603245	-0.070173959	0.24791965	-0.28305122	0.777137574	0.880678358	hsa-miR-3928-3p	38.67603245	-0.426230249	0.25803644	-1.651821925	0.098570858	0.2092761083
hsa-miR-4523	1.691120756	-0.157125997	0.550844338	-0.285245629	0.775455956	0.880678358	hsa-miR-4523	1.691120756	0.62521693	0.543889738	-1.141415665	0.256969989	0.428527305
hsa-miR-5582-3p	1.182497136	-0.147930738	0.520362381	-0.284284075	0.776192689	0.880678358	hsa-miR-5582-3p	1.182497136	-0.047258232	0.517760061	-0.091274387	0.922724559	0.968403683
hsa-miR-6699-5p	9.57072421	0.143414511	0.495822188	0.2892455	0.772393315	0.880678358	hsa-miR-6699-5p	9.57072421	0.144309217	0.498752991	0.289340053	0.777321165	0.87349861
hsa-miR-1287-5p	66.77072978	0.047678804	0.171202817	0.278493105	0.780633857	0.883318132	hsa-miR-1287-5p	66.77072978	0.730119916	0.167443702	4.360748762	1.30E-05	7.87E-05
hsa-miR-185-5p	4.385290094	-0.137242406	0.509915297	-0.269147458	0.787816211	0.886146912	hsa-miR-185-5p	4.385290094	-0.017238285	0.513411978	-0.033575931	0.973215316	0.984500929
hsa-miR-1976	2.0783674	-0.134105116	0.491353206	-0.272930173	0.78490692	0.886146912	hsa-miR-1976	2.0783674	-0.022475505	0.490016259	-0.045866856	0.966416371	0.982381261
hsa-miR-542-5p	25.57429884	0.065068332	0.239095014	0.272144247	0.785511109	0.886146912	hsa-miR-542-5p	25.57429884	0.380147944	0.256411699	-1.448789647	0.137818014	0.641103114
hsa-miR-6755-5p	1.682419266	-0.151639562	0.560601913	-0.270494194	0.786780083	0.886146912	hsa-miR-6755-5p	1.682419266	-0.397313458	0.559882418	-0.709669467	0.477909191	0.641075661
hsa-miR-5488a-3p	4.821285674	0.151959968	0.528315814	0.26410279	0.791700714	0.889195016	hsa-miR-5488a-3p	4.821285674	0.375215623	0.52947479	0.708656257	0.478537816	0.641075661
hsa-miR-1973	0.939013673	0.110820811	0.424749726	0.260908493	0.794163075	0.890639182	hsa-miR-1973	0.939013673	0.482978706	0.424749747	1.137063998	0.255511533	0.430656097
hsa-miR-3139	2.476218021	-0.143060968	0.560615722	-0.255185436	0.798579879	0.894267705	hsa-miR-3139	2.476218021	-0.3905294	0.560340842	-0.696949734	0.485834252	0.647501224
hsa-miR-1301-3p	30.43444713	-0.071760152	0.283356122	-0.253250757	0.800074446	0.894617955	hsa-miR-1301-3p	30.43444713	-0.010777495	0.287612656	-0.037472257	0.97010846	0.984500929
hsa-miR-1293	6.091823827	-0.124772946	0.500860052	-0.249117384	0.803269982	0.896364468	hsa-miR-1293	6.091823827	-0.117948245	0.505230582	-0.233454287	0.815408662	0.905103615
hsa-miR-4473	0.985130478	-0.115150807	0.475730404	-0.242050552	0.808740993	0.896364468	hsa-miR-4473	0.985130478	-0.617256959	0.465994326	-1.324601876	0.185303233	0.341186285
hsa-miR-5091	15.40977523	0.098552359	0.402404391	0.244908756	0.806527082	0.896364468	hsa-miR-5091	15.40977523	-0.158955231	0.410324326	-0.387389247	0.699468063	0.81980315
hsa-miR-5696	3.286059112	0.120775681	0.491235252	0.243861185	0.805789692	0.896364468	hsa-miR-5696	3.286059112	-0.108649618	0.504808243	-0.215229485	0.829588404	0.910438122
hsa-miR-6515-5p	7.824094845	0.098559281	0.399215098	0.246882648	0.804999046	0.896364468	hsa-miR-6515-5p	7.824094845	-0.120249454	0.413612464	-0.290729764	0.771258006	0.87349861
hsa-miR-92a-3p	2397.63.9351	0.037100113	0.152847049	0.242727047	0.808216853	0.896364468	hsa-miR-92a-3p	2397.63.9351	-0.305786541	0.152850073	-2.000565228	0.045439264	0.111026126
hsa-miR-5095	0.955194895	-0.115853478	0.4853660966	-0.2386955	0.811341706	0.897932269	hsa-miR-5095	0.955194895	-0.040578751	0.48218601	-0.084155804	0.932932057	0.970397228
hsa-miR-5144a-3p	1.673735573	0.129538989	0.547181666	0.236738541	0.812859633	0.898298894	hsa-miR-5144a-3p	1.673735573	-0.307758009	0.542046758	-0.675754469	0.570210274	0.720417594
hsa-miR-345-3p	1.461297321	0.118636125	0.458155112	0.234992115	0.814214853	0.898298894	hsa-miR-345-3p	1.461297321	-0.378556957	0.497865195	-0.760384459	0.447024481	0.616941878
hsa-miR-548d-3p	2.858379949	0.122324642	0.542945136	0.225293847	0.821471785	0.904330502	hsa-miR-548d-3p	2.858379949	0.545819697	0.542444056	1.006223022	0.3143083	0.49637132
hsa-miR-767-3p	7.328250041	-0.1143293	0.507904347	0.225100061	0.821901434	0.904330502	hsa-miR-767-3p	7.328250041	-0.397223381	0.51575137	-0.77018386	0.441190836	0.61524541
hsa-miR-592	2.637423606	0.120773325	0.550673664	0.219318977	0.826401581	0.907925261	hsa-miR-592	2.637423606	-0.662415294	0.556686995	-1.18992441	0.234076209	0.404171955
hsa-miR-21-5p	1443322.602	-0.026743609	0.123865373	-0.21980877	0.829058934	0.908245461	hsa-miR-21-5p	1443322.602	0.342561268	0.123865375	-2.176593436	0.006581992	0.019111955
hsa-miR-3064-5p	3.223144152	0.117909091	0.545666635	0.216073057	0.8283930801	0.908245461	hsa-miR-3064-5p	3.223144152	-0.612457291	0.552739475	-1.108039715	0.267844664	0.444096839
hsa-miR-23a-3p	7336.771843	0.021553785	0.101152131	0.212904901	0.831401139	0.909495177	hsa-miR-23a-3p	7336.771843	0.807649041	0.101070447	7.990951544	1.34E-15	2.21E-14
hsa-miR-23b-5p	1.191096003	0.102597529	0.487979745	0.21032801	0.833541675	0.910378288	hsa-miR-23b-5p	1.191096003	0.232660709	0.485791206	-0.478993321	0.63194334	0.776303051
hsa-miR-4458	1.474569053	-0.09388598	0.454990473	-0.206347149	0.836511952	0.912457424	hsa-miR-4458	1.474569053	-0.206068265	0.451977995	-0.44592437	0.64843937	0.785378033
hsa-le1-a-3p	339.2790727	0.029904187	0.147546584	0.202676244	0.839388093	0.914268757	hsa-le1-a-3p	339.2790727	0.741519493	0.146587898	5.0588531466	4.22E-07	3.16E-06
hsa-miR-197-5p	2.717488974	0.110952508	0.556780962	0.199279697	0.84204766	0.914344457	hsa-miR-197-5p	2.717488974	0.094211764	0.558006721	0.168836253	0.865925442	0.929315011

hsa-mir-548a-3p	1.853127034	0.104843906	0.529638409	0.197953744	0.843081255	0.91434457	hsa-mir-548a-3p	1.853127034	-0.358243681	0.524146172	-0.663480487	0.494303276	0.653722717
hsa-mir-6724-5p	21.59603621	0.06531004	0.329534795	0.198251218	0.842647734	0.9144457	hsa-mir-6724-5p	21.59603621	1.009338233	0.321246716	3.141941012	0.001678318	0.706648782
hsa-mir-610	3.389069511	-0.070885597	0.363245494	0.195145155	0.845279317	0.915416943	hsa-mir-610	3.389069511	0.1914144073	0.363087533	0.52718437	0.598065561	0.244706636
hsa-mir-266-1-3p	13.07689274	0.07149254	0.374877242	0.190709204	0.848753428	0.917866207	hsa-mir-266-1-3p	13.07689274	-0.148573727	0.385337886	-0.38556174	0.65981708	0.820147619
hsa-mir-1306-3p	7.672078604	-0.077615818	0.417673128	-0.183829091	0.85257879	0.920687795	hsa-mir-1306-3p	7.672078604	-1.005310315	0.448646774	-2.240761269	0.025041543	0.068059169
hsa-mir-3611	6.417309277	0.08923123	0.514333225	0.173473381	0.86227935	0.929836649	hsa-mir-3611	6.417309277	-0.137080955	0.519600622	-0.263819843	0.791918743	0.884685754
hsa-mir-6859-5p	5.460409624	0.082699588	0.487756491	0.169550975	0.865363281	0.931834998	hsa-mir-6859-5p	5.460409624	-0.598201079	0.504357828	-1.786064425	0.2335967	0.304869892
hsa-mir-182-3p	13.10402432	0.061701327	0.370488581	0.166542871	0.867729748	0.933055993	hsa-mir-182-3p	13.10402432	0.985698927	0.360242239	-0.287500728	0.186051508	0.020725919
hsa-mir-3918	2.560090569	-0.09201657	0.559376514	-0.16449451	0.869338766	0.933460207	hsa-mir-3918	2.560090569	0.325646292	0.559282856	0.582256883	0.560393663	0.712644642
hsa-mir-1271-5p	7.45517096	0.074236993	0.467066489	0.158943064	0.871317331	0.936829029	hsa-mir-1271-5p	7.45517096	-0.849225183	0.487103625	-1.743417907	0.081260634	0.1814354
hsa-mir-3619-5p	2.358990601	-0.082838937	0.55106018	-0.149511686	0.881347889	0.939730131	hsa-mir-3619-5p	2.358990601	0.919502032	0.54227256	-2.14482922	0.031966504	0.082479701
hsa-mir-4785	8.263461888	0.058930287	0.38996606	0.151115676	0.879884467	0.939730131	hsa-mir-4785	8.263461888	-0.091904281	0.402834316	-0.228144122	0.8195342	0.908388268
hsa-mir-598-3p	287.2133849	0.025967946	0.174031802	0.149213799	0.881384932	0.939730131	hsa-mir-598-3p	287.2133849	-0.451305598	0.176645619	-2.554864363	0.010622918	0.032624536
hsa-mir-6837-3p	5.884286578	0.066646197	0.439501463	0.151640444	0.879470532	0.939730131	hsa-mir-6837-3p	5.884286578	-0.383083444	0.298277347	-1.284319604	0.19903015	0.360481181
hsa-mir-548p	20.46649975	0.040388727	0.281779004	0.143334763	0.886025802	0.943449553	hsa-mir-548p	20.46649975	-0.130171131	0.452768005	-0.287500728	0.773728944	0.873706901
hsa-mir-1305	13.3531438	0.051645867	0.375603031	0.1375501199	0.890634645	0.946733552	hsa-mir-1305	13.3531438	-0.223512965	0.38694195	-0.577639528	0.563507514	0.71543356
hsa-mir-3138	1.108852098	0.057044301	0.4341285	0.131399577	0.895459223	0.946733552	hsa-mir-3138	1.108852098	-0.411553968	0.42764674	-0.962369007	0.335864276	0.511699104
hsa-mir-4712-3p	2.454192537	-0.075457308	0.555947284	-0.135727451	0.8920306746	0.946733552	hsa-mir-4712-3p	2.454192537	0.72026873	0.557156621	1.292758093	0.196094739	0.35599442
hsa-mir-874-5p	6.081159154	0.058897149	0.447427705	0.131633007	0.894371348	0.946733552	hsa-mir-874-5p	6.081159154	0.101502938	0.454407077	-0.22373276	0.823245401	0.908988878
hsa-mir-98-3p	141.9440646	0.051173303	0.389631435	0.132774973	0.894371348	0.946733552	hsa-mir-98-3p	141.9440646	-0.011379954	0.389613594	-0.029208309	0.976698454	0.984500929
hsa-mir-190-1-5p	5.642089412	0.053962027	0.440640554	0.12246269	0.90233293	0.950225207	hsa-mir-190-1-5p	5.642089412	-0.449788208	0.461815848	-0.973955766	0.330078503	0.509515129
hsa-mir-308-5p	454806.1855	0.017211893	0.139953751	0.122982717	0.902120784	0.950225207	hsa-mir-308-5p	454806.1855	0.436885853	0.139953642	3.121644966	0.001798437	0.006888672
hsa-mir-4532	5534.618005	0.023600123	0.191782224	0.123056886	0.902681296	0.950225207	hsa-mir-4532	5534.618005	0.5029982189	0.191768523	0.008719483	0.027653216	0.006888672
hsa-mir-1273f	12.1979145	0.044743506	0.37552785	0.118486999	0.905602107	0.950903078	hsa-mir-1273f	12.1979145	-0.337231	0.378992892	0.889808244	0.373568859	0.52158819
hsa-mir-3613-3p	2.755377257	-0.06578354	0.554791608	-0.118573424	0.905613322	0.950903078	hsa-mir-3613-3p	2.755377257	-0.188269843	0.553298673	-0.340286018	0.733656699	0.839368133
hsa-mir-1180-3p	142.1467669	-0.021008685	0.185661737	-0.13575825	0.909574053	0.952347936	hsa-mir-1180-3p	142.1467669	0.124794419	0.186856569	0.66786209	0.50421628	0.659562635
hsa-mir-892a	23.81293075	-0.029627112	0.259492642	-0.114177567	0.909100476	0.952347936	hsa-mir-892a	23.81293075	0.020666895	0.265811806	0.07786107	0.937938557	0.974302495
hsa-le1-7f-2-3p	443.4242306	0.001994799	0.160903359	0.105621157	0.915882937	0.953857503	hsa-le1-7f-2-3p	443.4242306	0.535693985	0.160614263	3.335282776	0.000852127	0.903983884
hsa-mir-3661	28.32615632	-0.033155911	0.31463191	-0.105403024	0.916056017	0.953857503	hsa-mir-3661	28.32615632	-0.283751419	0.322387428	-0.880156975	0.378747278	0.555297385
hsa-mir-548a-5p	2.159608472	0.057424928	0.522271747	0.1099522	0.912447284	0.953857503	hsa-mir-548a-5p	2.159608472	0.519719986	0.522750268	0.994203193	0.320129594	0.500547021
hsa-mir-797e	13.5118309	0.033844704	0.316708468	0.106863906	0.914896948	0.953857503	hsa-mir-797e	13.5118309	0.041897876	0.32557042	0.128690671	0.897602417	0.952782894
hsa-mir-139-3p	3.551218869	0.056974485	0.550795123	0.10344043	0.917613425	0.954166708	hsa-mir-139-3p	3.551218869	-0.791426407	0.551730197	1.434444608	0.151445426	0.291992793
hsa-mir-4757-3p	1.008635574	0.042962533	0.427231238	0.100560374	0.919899454	0.955231669	hsa-mir-4757-3p	1.008635574	-0.396451022	0.420664983	-0.942438848	0.345968006	0.52197503
hsa-mir-32-3p	68.22156503	0.014842992	0.164027528	0.090490861	0.927897156	0.960902898	hsa-mir-32-3p	68.22156503	0.385026207	0.16402638	2.347343192	0.01890783	0.053814593
hsa-mir-6850-3p	1.097604215	0.047198274	0.521598496	0.090484775	0.927899628	0.960902898	hsa-mir-6850-3p	1.097604215	0.516288845	0.522599669	0.987924172	0.323189786	0.503243415
hsa-mir-326	50.83283798	-0.047402637	0.557579654	-0.085015004	0.932249462	0.962148678	hsa-mir-326	50.83283798	-0.064800759	0.55753549	-0.116227759	0.907472037	0.959327582
hsa-mir-5010-3p	4.255207013	-0.045641686	0.538670551	-0.084730241	0.932478553	0.962148678	hsa-mir-5010-3p	4.255207013	0.029364815	0.537917145	0.054589848	0.956465227	0.959327582
hsa-mir-892c-3p	1.164491117	-0.038966694	0.462937007	-0.084177097	0.932915627	0.962148678	hsa-mir-892c-3p	1.164491117	0.35642141	0.463134274	0.769585475	0.441545824	0.615254541
hsa-mir-548i-3p	1.150607672	0.028781073	0.435431106	0.06609788	0.948729899	0.975404865	hsa-mir-548i-3p	1.150607672	-0.430806728	0.429163818	-1.003828166	0.315454446	0.497187715
hsa-mir-6772-3p	2.388337029	0.034316142	0.529701873	0.064783879	0.948346078	0.975404865	hsa-mir-6772-3p	2.388337029	-0.898788612	0.521569312	-1.723233096	0.084485303	0.187286675
hsa-mir-320a/b/c/d	6494.839047	-0.010779517	0.182976512	-0.058912024	0.95302218	0.978884383	hsa-mir-320a/b/c/d	6494.839047	-0.326749947	0.183063738	-1.784897162	0.074277999	0.169249682
hsa-mir-548a-3p	3.384618068	-0.030418854	0.538185867	-0.056521094	0.95426692	0.979511525	hsa-mir-548a-3p	3.384618068	0.047386853	0.540874206	0.087611597	0.930185385	0.968839201
hsa-mir-222-5p	41.35364458	0.011251691	0.20807476	0.054075231	0.956875226	0.979949982	hsa-mir-222-5p	41.35364458	0.083931582	0.208548526	0.402455888	0.687348456	0.812862957
hsa-mir-548d-5p	10.09815395	0.020137413	0.381861644	0.0502734841	0.957943179	0.979949982	hsa-mir-548d-5p	10.09815395	-0.398999816	0.381672254	-0.705399062	0.295838221	0.64664206
hsa-mir-4477b	9.700600935	0.020752255	0.41369019	0.050163758	0.959991892	0.980720062	hsa-mir-4477b	9.700600935	-0.309519963	0.426522497	-0.725681213	0.468034423	0.634664206
hsa-mir-3200-5p	1.132451859	0.018526843	0.495606594	0.037376103	0.970185127	0.983128279	hsa-mir-3200-5p	1.132451859	-0.331851947	0.488496574	-0.679333214	0.496926756	0.653722717
hsa-mir-3610	1.490156022	-0.021585817	0.539193141	-0.040033553	0.968066676	0.983128279	hsa-mir-3610	1.490156022	0.253873182	0.538510847	0.471435595	0.637329702	0.778980164
hsa-mir-3678-3p	1.322418676	-0.0202671577	0.489545566	-0.041613324	0.96607018	0.983128279	hsa-mir-3678-3p	1.322418676	0.001404931	0.448614988	0.002885965	0.997697336	0.900868028
hsa-mir-500a-5p	3.17981339	-0.022697507	0.519015076	-0.043713883	0.965181825	0.983128279	hsa-mir-500a-5p	3.17981339	-1.962527279	0.549144886	-3.573787905	0.000035884	0.001856912
hsa-mir-501-5p	6.594907951	-0.020991251	0.472448315	-0.044430789	0.96456102	0.983128279	hsa-mir-501-5p	6.594907951	-0.052623451	0.478691418	-0.109391887	0.912463394	0.960683004
hsa-mir-590-3p	239.4850666	0.006625706	0.170306367	0.038904629	0.968966426	0.983128279	hsa-mir-590-3p	239.4850666	-0.31430131	0.17286565	-1.81818256	0.069036225	0.159172565

hsa-miR-1277-3p	2.223595363	0.013242824	0.55876024	0.02370037	0.981091611	0.992637895	hsa-miR-1277-3p	2.223595363	-0.104819041	0.559771567	-0.187253243	0.851462081	0.924722933
hsa-miR-3150-5p	3.687453389	0.012426966	0.555359173	0.022376449	0.982147666	0.992637895	hsa-miR-3150-5p	3.687453389	-0.45384	0.57726651	-0.813731958	0.415798562	0.592798994
hsa-miR-3150b	5.83917103	0.011325142	0.556668733	0.020351803	0.983762732	0.992944517	hsa-miR-3150b	5.83917103	0.112282429	0.556940105	0.201603813	0.842022644	0.919756657
hsa-miR-199b-5p	1.791805785	-0.008625745	0.520297106	-0.0165785	0.986772877	0.992995104	hsa-miR-199b-5p	1.791805785	0.114772343	0.518750129	0.2212447814	0.848899482	0.908985878
hsa-miR-2278	1.870415753	0.010245382	0.557952734	0.018362455	0.985349704	0.992995104	hsa-miR-2278	1.870415753	-0.445810264	0.554517042	-0.803961341	0.421419302	0.596812592
hsa-miR-624-5p	16.62712803	-0.00434723	0.557952733	-0.01455933	0.98383746	0.992995104	hsa-miR-624-5p	16.62712803	-0.0027405	0.306884146	-0.007479241	0.994032565	0.99659781
hsa-miR-9-5p	267.414023	0.002074232	0.151227223	0.013711871	0.989505852	0.992995104	hsa-miR-9-5p	267.414023	-0.4967745	0.154688287	-3.211455185	0.001320664	0.005344488
hsa-miR-548b-3p	7.42490056	-0.004612618	0.414096232	-0.011138999	0.991112548	0.993738012	hsa-miR-548b-3p	7.42490056	-2.13078304	0.427711594	-0.498182202	0.618355626	0.767511695
hsa-miR-682-5p	8.220833926	-0.000801096	0.417257688	-0.001919907	0.998468137	0.999788862	hsa-miR-682-5p	8.220833926	-0.66689011	0.439447844	-1.517583386	0.129119307	0.258162904
hsa-miR-3145-3p	1.689707143	1.06E-06	0.560242301	1.89E-06	0.999998491	0.999998491	hsa-miR-3145-3p	1.689707143	0.765005091	0.555704542	-1.376639981	0.168623583	0.318784731
hsa-miR-1180-5p	0.451762671	0.024180747	0.340479481	0.07101969	0.943382085	NA	hsa-miR-1180-5p	0.451762671	0.122973991	0.34041574	0.36124649	0.717915191	NA
hsa-miR-1180-5p	0.268935	-0.028207008	0.307203412	-0.091818668	0.926842112	NA	hsa-miR-1180-5p	0.268935	-0.092194024	0.307203412	-0.300107423	0.764095218	NA
hsa-miR-1184	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	hsa-miR-1184	0.083511147	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-miR-1185-1-3p	0.639245496	-1.017447236	0.483270161	-2.105338417	0.98326186	NA	hsa-miR-1185-1-3p	0.639245496	-0.933623284	0.483270161	-1.93188868	0.053373469	NA
hsa-miR-1185-2-3p	0.100865933	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	hsa-miR-1185-2-3p	0.100865933	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-miR-122-5p	0.459725941	0.307058067	0.307058067	0	1	NA	hsa-miR-122-5p	0.459725941	0.286712254	0.307058067	0.933739525	0.350438271	NA
hsa-miR-1224-3p	0.88378959	0.11058037	0.414220257	0.268777166	0.788101166	NA	hsa-miR-1224-3p	0.88378959	-0.019164946	0.40769881	-0.047007609	0.962507163	0.982381261
hsa-miR-1234-3p	0.122034101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-1234-3p	0.122034101	0.284293132	0.306970399	0	1	NA
hsa-miR-1237-3p	0.284293132	0.21067579	0.306970399	0.686305844	0.492520264	NA	hsa-miR-1237-3p	0.284293132	0.88378959	0.306970399	0	1	NA
hsa-miR-124-3p	0.110768181	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	hsa-miR-124-3p	0.110768181	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-miR-1244	0.350282631	0	0.306970399	0	1	NA	hsa-miR-1244	0.350282631	0.240862783	0.306970399	0.784644979	0.43266175	NA
hsa-miR-1248	0.794008372	0.118577622	0.416690694	0.284569883	0.775973688	NA	hsa-miR-1248	0.794008372	-0.313610384	0.409894578	-0.765100105	0.444211937	0.61524541
hsa-miR-1249-3p	0.381765145	0.162350852	0.307058067	0.528730132	0.509992671	NA	hsa-miR-1249-3p	0.381765145	0.145450946	0.307058067	0.473661988	0.635719568	NA
hsa-miR-1264	0.234810045	-0.202750881	0.307229222	-0.65978111	0.509992671	NA	hsa-miR-1264	0.234810045	-0.172518677	0.307229222	-0.561358725	0.574435725	NA
hsa-miR-1267	0.703804667	0.093479704	0.362363186	0.257977409	0.796428201	NA	hsa-miR-1267	0.703804667	-0.2113350218	0.358412262	-0.589684673	0.555402073	NA
hsa-miR-1273c	0.186989606	0.163588469	0.306970399	0.532912847	0.594093912	NA	hsa-miR-1273c	0.186989606	0	0.306970399	0	1	NA
hsa-miR-1273h-5p	0.50002659	0.02232714	0.306970399	0.072733853	0.942017909	NA	hsa-miR-1273h-5p	0.50002659	0.330980666	0.307241655	1.077264951	0.281361915	NA
hsa-miR-1289	0.254253997	0.040325126	0.336092788	0.120062458	0.904433672	NA	hsa-miR-1289	0.254253997	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-miR-129-5p	0.402946423	0.040325126	0.336092788	0.120062458	0.904433672	NA	hsa-miR-129-5p	0.402946423	0.077172117	0.336092788	0.229615509	0.818390554	NA
hsa-miR-1298-3p	0.12526672	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-1298-3p	0.12526672	-0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-miR-134-5p	0.204926845	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-134-5p	0.204926845	-0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-miR-141-5p	0.710845056	-0.100066618	0.449832771	-0.222457377	0.823957851	NA	hsa-miR-141-5p	0.710845056	0.229935396	0.449340455	0.5111717549	0.608848703	NA
hsa-miR-144-3p	0.151285944	0	0.306970399	0	1	NA	hsa-miR-144-3p	0.151285944	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-miR-149-3p	0.155507092	0	0.306970399	0	1	NA	hsa-miR-149-3p	0.155507092	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-miR-150-5p	0.165514013	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-150-5p	0.165514013	-0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-miR-153-5p	0.151298899	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-153-5p	0.151298899	-0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-miR-1537-3p	0.151285944	0	0.306970399	0	1	NA	hsa-miR-1537-3p	0.151285944	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-miR-1537-5p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-1537-5p	0.117636101	0	0.306970399	0	1	NA
hsa-miR-181d-3p	0.142146566	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-181d-3p	0.142146566	0	0.306970399	0	1	NA
hsa-miR-180-5p	0.715202749	0.06935194	0.361060152	0.192078631	0.847680613	NA	hsa-miR-180-5p	0.715202749	-0.020763202	0.358212226	-0.057961954	0.953778933	NA
hsa-miR-180-5p	0.142733741	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-180-5p	0.142733741	0	0.306970399	0	1	NA
hsa-miR-190a-3p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	hsa-miR-190a-3p	0.083511147	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-miR-191-1-5p	0.221536363	-0.167440767	0.30707056	-0.545848337	0.585557975	NA	hsa-miR-191-1-5p	0.221536363	-0.137253563	0.30707056	-0.446977279	0.654891465	NA
hsa-miR-191-1-5p	0.32958582	-0.02820701	0.30703412	-0.091818668	0.926842107	NA	hsa-miR-191-1-5p	0.32958582	-0.092194026	0.307203412	-0.300107429	0.764095218	NA
hsa-miR-193a-5p	0.194775539	0	0.306970399	0	1	NA	hsa-miR-193a-5p	0.194775539	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-miR-194-3p	0.830951266	-0.054533466	0.449360705	-0.121357887	0.903407571	NA	hsa-miR-194-3p	0.830951266	-0.018479058	0.44592973	-0.041459394	0.966945608	0.984500929
hsa-miR-200c-3p	0.261277634	0.02232714	0.306970399	0.072733853	0.942017909	NA	hsa-miR-200c-3p	0.261277634	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-miR-214-5p	0.264950402	0	0.306970399	0	1	NA	hsa-miR-214-5p	0.264950402	0.193775673	0.306970399	0.631251929	0.527875778	NA
hsa-miR-215-3p	0.272464676	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	hsa-miR-215-3p	0.272464676	0.052514344	0.306970399	0.171072988	0.864166375	NA
hsa-miR-216a-5p	0.52985421	-0.209438672	0.354649211	-0.590551637	0.554820878	NA	hsa-miR-216a-5p	0.52985421	-0.307195208	0.353687598	-0.868599561	0.385093553	NA
hsa-miR-23a-5p	0.819756289	0	0.44551637	0	1	NA	hsa-miR-23a-5p	0.819756289	1.018277409	0.452101289	2.2532314	0.024301969	0.066488133

hsa-mir-296-5p	0.226928917	0	0.306970399	0	1	NA	hsa-mir-296-5p	0.226928917	0.193775673	0.306970399	0.631251982	0.527875778	NA
hsa-mir-3122	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-mir-3122	0.124659738	0	0.306970399	0	1	NA
hsa-mir-3124-5p	0.611418743	0.393073571	0.40837128	0.962539705	0.335778586	NA	hsa-mir-3124-5p	0.611418743	0.39862021	0.405259249	0.983617797	0.323303471	NA
hsa-mir-3126-3p	0.142146566	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-mir-3126-3p	0.142146566	0	0.306970399	0	1	NA
hsa-mir-3127-3p	0.786863804	0.39322215	0.376393229	1.044711011	0.296165654	NA	hsa-mir-3127-3p	0.786863804	0.246608591	0.372912275	0.661304567	0.508417013	0.660602039
hsa-mir-3131	0.151285944	0	0.306970399	0	1	NA	hsa-mir-3131	0.151285944	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-3133	0.204926845	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-mir-3133	0.204926845	0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-mir-3140-3p	0.264950402	0	0.306970399	0	1	NA	hsa-mir-3140-3p	0.264950402	0.193775673	0.306970399	0.631251982	0.527875778	NA
hsa-mir-3141	0.287222332	0.066706319	0.307156324	0.217173841	0.828072877	NA	hsa-mir-3141	0.287222332	-0.044367807	0.307156324	-0.144446992	0.885147512	NA
hsa-mir-3145-5p	0.247386078	-0.1672440736	0.30707056	-0.545284238	0.585558043	NA	hsa-mir-3145-5p	0.247386078	-0.13725353	0.30707056	-0.446971179	0.654891557	NA
hsa-mir-3149	0.482965184	-0.441805941	0.357118897	-1.237139633	0.216035248	NA	hsa-mir-3149	0.482965184	-0.400412515	0.306970399	-1.121230264	0.262189861	NA
hsa-mir-3152-5p	0.161696494	0	0.306970399	0	1	NA	hsa-mir-3152-5p	0.161696494	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-3156-3p	0.323392989	0	0.306970399	0	1	NA	hsa-mir-3156-3p	0.323392989	0.240862783	0.306970399	0.784644979	0.43266175	NA
hsa-mir-3157-5p	0.865600351	-0.327349637	0.467054521	-0.700808094	0.483377286	NA	hsa-mir-3157-5p	0.865600351	-0.324272509	0.467054521	-0.700754871	0.483456006	0.645438689
hsa-mir-3161	0.155507092	0	0.306970399	0	1	NA	hsa-mir-3161	0.155507092	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-3167	0.644304069	0.249912334	0.408092134	0.612391941	0.540278473	NA	hsa-mir-3167	0.644304069	0.077057799	0.403758768	0.190851084	0.848642265	NA
hsa-mir-3170	0.176633601	0	0.306970399	0	1	NA	hsa-mir-3170	0.176633601	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-3173-5p	0.606350222	-0.34757489	0.4148666051	-0.8378000272	0.402142886	NA	hsa-mir-3173-5p	0.606350222	-0.487107216	0.412476948	-1.180931973	0.237629749	NA
hsa-mir-3178	0.142146566	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-mir-3178	0.142146566	0	0.306970399	0	1	NA
hsa-mir-3179	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-mir-3179	0.117636101	0	0.306970399	0	1	NA
hsa-mir-3180	0.374009125	0.024140949	0.329964932	0.073162166	0.94167073	NA	hsa-mir-3180	0.374009125	0.059441449	0.329964932	0.180144745	0.857038936	NA
hsa-mir-3181	0.36105234	0.038287321	0.327761965	0.116814413	0.907007122	NA	hsa-mir-3181	0.36105234	0.073097887	0.327761965	0.223021263	0.825118958	NA
hsa-mir-3182	0.472278877	-0.059570958	0.307726673	-0.193583999	0.846501634	NA	hsa-mir-3182	0.472278877	0.206051795	0.307726673	0.669593549	0.503116928	NA
hsa-mir-3185	0.142146566	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-mir-3185	0.142146566	0	0.306970399	0	1	NA
hsa-mir-3186-3p	0.204926845	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-mir-3186-3p	0.204926845	-0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-mir-3189-3p	0.65148758	-0.485490837	0.343473625	-1.413473414	0.157516573	NA	hsa-mir-3189-3p	0.65148758	-0.476131392	0.341573959	-1.393933523	0.16333768	0.310301656
hsa-mir-3191-3p	0.100865933	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	hsa-mir-3191-3p	0.100865933	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-3194-5p	0.59960773	-0.003388496	0.405098313	-0.008364627	0.993326071	NA	hsa-mir-3194-5p	0.59960773	0.226411381	0.404203154	0.567042539	0.573382219	NA
hsa-mir-3202	0.639967601	-0.398013308	0.408915598	-0.973504825	0.330302463	NA	hsa-mir-3202	0.639967601	-0.030036126	0.408949886	-0.073446961	0.914540449	NA
hsa-mir-322a-3p	0.564837249	-0.504965595	0.366785672	-1.376732064	0.168595102	NA	hsa-mir-322a-3p	0.564837249	-0.463086811	0.366629106	-1.263093417	0.206556609	NA
hsa-mir-34a-3p	0.378913735	0.130222784	0.333039473	0.391013062	0.695787581	NA	hsa-mir-34a-3p	0.378913735	-0.057857185	0.333022172	-0.173733731	0.862074727	NA
hsa-mir-34c-3p	0.556293307	0.059050769	0.348321073	0.169529706	0.865380008	NA	hsa-mir-34c-3p	0.556293307	0.005069585	0.346471747	0.01463203	0.988325746	NA
hsa-mir-3591-5p	0.155507092	0	0.306970399	0	1	NA	hsa-mir-3591-5p	0.155507092	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-3607-5p	0.720895073	0.238695949	0.458607529	0.520470788	0.602729212	NA	hsa-mir-3607-5p	0.720895073	-0.32965853	0.449247204	-0.733802074	0.463069376	NA
hsa-mir-3616-5p	0.292163308	0	0.306970399	0	1	NA	hsa-mir-3616-5p	0.292163308	0.193775673	0.306970399	0.631251982	0.527875778	NA
hsa-mir-3652	0.155507092	0	0.306970399	0	1	NA	hsa-mir-3652	0.155507092	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-3653-5p	0.323398803	0.066706318	0.307156324	0.217173837	0.828072873	NA	hsa-mir-3653-5p	0.323398803	-0.044367808	0.307156324	-0.144446996	0.885147509	NA
hsa-mir-3657	0.213219849	0.163588469	0.306970399	0.532912847	0.594093912	NA	hsa-mir-3657	0.213219849	0	0.306970399	0	1	NA
hsa-mir-366b-5p	0.7868190436	-0.37977373	0.414506008	-0.916216811	0.33955519	NA	hsa-mir-366b-5p	0.7868190436	0.053392673	0.415127859	0.129928073	0.89662334	0.952782894
hsa-mir-366d-5p	0.165514013	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-mir-366d-5p	0.165514013	-0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-mir-3678-5p	0.161696494	0	0.306970399	0	1	NA	hsa-mir-3678-5p	0.161696494	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-3680-3p	0.176454151	0.163588469	0.306970399	0.532912847	0.594093912	NA	hsa-mir-3680-3p	0.176454151	0	0.306970399	0	1	NA
hsa-mir-3680-5p	0.183051152	0.163588469	0.306970399	0.532912847	0.594093912	NA	hsa-mir-3680-5p	0.183051152	0	0.306970399	0	1	NA
hsa-mir-3685	0.136617896	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	hsa-mir-3685	0.136617896	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-3689-3p	0.421704455	0	0.307058067	0	1	NA	hsa-mir-3689-3p	0.421704455	0.286712267	0.307058067	0.93373957	0.350438248	NA
hsa-mir-3692-3p	0.110342676	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	hsa-mir-3692-3p	0.110342676	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-371a-5p	0.292163308	0	0.306970399	0	1	NA	hsa-mir-371a-5p	0.292163308	0.193775673	0.306970399	0.631251982	0.527875778	NA
hsa-mir-371b-5p	0.83054216	-0.111246363	0.384131611	-0.289604813	0.772118584	NA	hsa-mir-371b-5p	0.83054216	0.44433638	0.38557411	1.135240202	0.249155915	0.423408941
hsa-mir-379-3p	0.237483829	-0.167440736	0.30707056	-0.545284238	0.585558043	NA	hsa-mir-379-3p	0.237483829	-0.13725353	0.30707056	-0.446971179	0.654891537	NA
hsa-mir-3908	0.264950402	0	0.306970399	0	1	NA	hsa-mir-3908	0.264950402	0.193775673	0.306970399	0.631251982	0.527875778	NA
hsa-mir-3911	0.744031584	-0.030105963	0.364221603	-0.082635679	0.93414123	NA	hsa-mir-3911	0.744031584	0.198588509	0.363400251	0.546473231	0.584740684	NA

hsa-mir-3917	0.302770168	-0.219152156	0.307371297	-0.712288355	0.475852963	NA	NA	hsa-mir-3917	0.302770168	-0.188964952	0.307371297	-0.614777482	0.538701682	NA
hsa-mir-3919	0.727634225	0	0.309947667	0	NA	NA	NA	hsa-mir-3919	0.727634225	0.394686315	0.310053397	1.272962395	NA	NA
hsa-mir-3922-3p	0.226928917	0	0.306970399	0	NA	1	NA	hsa-mir-3922-3p	0.226928917	0.193775673	0.306970399	0.631251982	0.527875778	NA
hsa-mir-3925-3p	0.619249959	-0.293548188	0.363366259	-0.807866475	0.419167452	NA	NA	hsa-mir-3925-3p	0.619249959	-0.383241689	0.361514015	-1.060101885	0.28909825	NA
hsa-mir-3940-3p	0.700158696	0.144224122	0.318088341	0.453409016	0.650254245	NA	NA	hsa-mir-3940-3p	0.700158696	0.276390312	0.31703832	0.871788345	0.383323854	NA
hsa-mir-3940-5p	0.296730996	0.075377061	0.307116976	0.245430838	0.960120121	NA	NA	hsa-mir-3940-5p	0.296730996	0.035697065	0.307116976	-0.116232797	0.907468045	NA
hsa-mir-3941	0.222900034	0.022327714	0.306970399	0.072733853	0.842017909	NA	NA	hsa-mir-3941	0.222900034	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-411-3p	0.524047387	-0.475862912	0.362399331	-1.313111743	0.189145298	NA	NA	hsa-mir-411-3p	0.524047387	-0.433694685	0.362352128	-1.196887367	0.231350459	NA
hsa-mir-4284	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	NA	hsa-mir-4284	0.083511147	0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-4420	2.975545012	-0.422403064	0.320223437	-1.319088535	NA	NA	NA	hsa-mir-4420	2.975545012	-0.421251986	0.319683892	-1.317714146	NA	NA
hsa-mir-4423-5p	0.151285944	0	0.306970399	0	1	NA	NA	hsa-mir-4423-5p	0.151285944	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-4425	0.508602147	-0.459033326	0.359387863	-1.277264407	0.201508915	NA	NA	hsa-mir-4425	0.508602147	-0.417156094	0.35938441	-1.160751782	0.245742857	NA
hsa-mir-4426	0.395177294	0.253215307	0.336447432	0.752614473	0.451681438	NA	NA	hsa-mir-4426	0.395177294	0.175199845	0.336440582	0.520745278	0.602544282	NA
hsa-mir-4439	0.204926845	-0.1189334189	0.306970399	-0.38744514	0.69884266921	NA	NA	hsa-mir-4439	0.204926845	-0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-mir-4442	0.35746202	0.126803109	0.328313532	0.386225656	0.699329554	NA	NA	hsa-mir-4442	0.35746202	-0.056223351	0.328295859	-0.171258178	0.864020763	NA
hsa-mir-4444	0.194775539	0	0.306970399	0	1	NA	NA	hsa-mir-4444	0.194775539	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-4445-5p	0.311649344	0.256525079	0.307058067	0.835428561	0.403476454	NA	NA	hsa-mir-4445-5p	0.311649344	0	0.307058067	0	0	NA
hsa-mir-4446-3p	0.100865933	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	NA	hsa-mir-4446-3p	0.100865933	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-4451	0.183051152	0.163588469	0.306970399	0.532912847	0.594093912	NA	NA	hsa-mir-4451	0.183051152	0	0.306970399	0	1	NA
hsa-mir-4455	0.155507092	0	0.306970399	0	1	NA	NA	hsa-mir-4455	0.155507092	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-4466	0.568586264	0.356561791	0.309945764	1.150400593	NA	NA	NA	hsa-mir-4466	0.568586264	0	0.308292102	0	NA	NA
hsa-mir-4469	0.214100611	0.163588469	0.306970399	0.532912847	0.594093912	NA	NA	hsa-mir-4469	0.214100611	-0.941046294	0.482144639	-1.951792507	0.050962844	0.123744156
hsa-mir-4474-3p	0.9173717	-0.738002107	0.489280463	-1.508341662	0.131467105	NA	NA	hsa-mir-4474-3p	0.9173717	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-4477a	0.161696494	0	0.306970399	0	1	NA	NA	hsa-mir-4477a	0.161696494	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-4488	0.151285944	0	0.306970399	0	1	NA	NA	hsa-mir-4488	0.151285944	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-4490	0.151285944	0	0.306970399	0	1	NA	NA	hsa-mir-4490	0.151285944	0.146688563	0.306970399	0.477858984	0.632750576	NA
hsa-mir-4492	0.731497692	0.074250873	0.452704793	0.164016047	0.869718472	NA	NA	hsa-mir-4492	0.731497692	-0.070884102	0.446890802	-0.158616158	0.873971298	NA
hsa-mir-4498	0.186989606	0.163588469	0.306970399	0.532912847	0.594093912	NA	NA	hsa-mir-4498	0.186989606	0	0.306970399	0	1	NA
hsa-mir-4502	0.766718454	0.287700663	0.420658025	0.683930048	0.494019339	NA	NA	hsa-mir-4502	0.766718454	-0.230402391	0.413080927	-0.557765746	0.577004356	NA
hsa-mir-4503	0.211634114	-0.167440736	0.30707056	-0.545284238	0.585558043	NA	NA	hsa-mir-4503	0.211634114	-0.137253353	0.30707056	-0.446977179	0.654891537	NA
hsa-mir-450b-3p	0.122034101	0.11650136	0.306970399	0.379519849	0.704301868	NA	NA	hsa-mir-450b-3p	0.122034101	0	0.306970399	0	1	NA
hsa-mir-4517	0.398259471	-0.354370034	0.34102533	-1.039131121	0.298743759	NA	NA	hsa-mir-4517	0.398259471	-0.316744642	0.34102533	-0.928800923	0.352992266	NA
hsa-mir-451a	0.514269877	0.1944450766	0.308123229	0.631081166	0.527987455	NA	NA	hsa-mir-451a	0.514269877	0.182025277	0.30773862	0.591493122	0.554190662	NA
hsa-mir-4520-5p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA	NA	hsa-mir-4520-5p	0.124659738	0	0.306970399	0	1	NA
hsa-mir-4524a-3p	0.249663419	-0.202705843	0.307229222	-1.346363969	0.178185165	NA	NA	hsa-mir-4524a-3p	0.249663419	-0.172518639	0.307229222	-0.561530698	0.574443581	NA
hsa-mir-4529-3p	0.504438044	0.485232771	0.360402374	1.346363969	0.178185165	NA	NA	hsa-mir-4529-3p	0.504438044	0	0.358288582	0	1	NA
hsa-mir-4635	0.136617896	-0.07184708	0.306970399	0.379519849	0.704301868	NA	NA	hsa-mir-4635	0.136617896	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-4636	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA	NA	hsa-mir-4636	0.124659738	0	0.306970399	0	1	NA
hsa-mir-4651	0.083511147	-0.07184708	0.306970399	0.234052142	0.814944499	NA	NA	hsa-mir-4651	0.083511147	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-4654	0.400941932	0.369757747	0.378735992	0.974625142	0.328918701	NA	NA	hsa-mir-4654	0.400941932	0.281668264	0.375800589	0.749515228	0.4453546724	0.623727088
hsa-mir-4657	0.221536363	-0.167440767	0.30707056	-0.545284238	0.585557975	NA	NA	hsa-mir-4657	0.221536363	-0.137253563	0.30707056	-0.446977229	0.654891465	NA
hsa-mir-4658	0.261884616	-0.19711993	0.30705298	-0.64181813	0.520991277	NA	NA	hsa-mir-4658	0.261884616	-0.166984227	0.307205298	-0.543554188	0.586748292	NA
hsa-mir-4662a-3p	0.519765497	-0.133750808	0.394793324	-0.338786904	0.734770268	NA	NA	hsa-mir-4662a-3p	0.519765497	-0.079330135	0.393751894	-0.20147239	0.840392917	NA
hsa-mir-4665-5p	0.136617896	-0.07184708	0.306970399	-0.234052142	0.814944499	NA	NA	hsa-mir-4665-5p	0.136617896	-0.041659876	0.306970399	-0.135713007	0.892048165	NA
hsa-mir-4666a-5p	0.50002659	0	0.307241655	0	1	NA	NA	hsa-mir-4666a-5p	0.50002659	0.330980666	0.307241655	1.077264951	0.2813161915	NA
hsa-mir-4667-5p	0.323562525	0.066706318	0.307156324	0.217173838	0.828072873	NA	NA	hsa-mir-4667-5p	0.323562525	-0.044367808	0.307156324	-0.044367808	0.885147509	NA
hsa-mir-4670-3p	0.12526672	-0.1189334189	0.306970399	-0.38744514	0.69884266921	NA	NA	hsa-mir-4670-3p	0.12526672	-0.088746986	0.306970399	-0.289106005	0.772500258	NA
hsa-mir-4671-3p	0.122034101	0.11650136	0.306970399	0.379519849	0.704301868	NA	NA	hsa-mir-4671-3p	0.122034101	0	0.306970399	0	1	NA

hsa-miR-4672	0.785485405	-0.398215865	0.429608695	-0.926926922	0.353964478	NA	hsa-miR-4672	0.785485405	-0.596069318	0.424286889	-1.404873292	0.16005896	NA	
hsa-miR-4670	0.110768181	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4670	0.110768181	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4680-5p	0.208777866	-0.18875526	0.307168243	-0.614501222	0.538884167	NA	hsa-miR-4680-5p	0.208777866	-0.158568057	0.307168243	-0.516225424	0.605696975	NA	
hsa-miR-4682	0.311014184	0	0.306970399	0	1	NA	hsa-miR-4682	0.311014184	0.240862783	0.306970399	0.784644979	0.43266175	NA	
hsa-miR-4684-3p	0.166152272	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-4684-3p	0.166152272	-0.088746986	0.306970399	-0.289106005	0.772500258	NA	
hsa-miR-4685-3p	0.124659738	0.11650136	0.306970399	0.379519849	0.704201868	NA	hsa-miR-4685-3p	0.124659738	0	0.306970399	0	1	NA	
hsa-miR-4691-3p	0.211634114	-0.167440736	0.30707056	-0.545284238	0.585558043	NA	hsa-miR-4691-3p	0.211634114	-0.137253533	0.30707056	-0.446977179	0.654891537	NA	
hsa-miR-4700-3p	0.124659738	0.11650136	0.306970399	0.379519849	0.704201868	NA	hsa-miR-4700-3p	0.124659738	0	0.306970399	0	1	NA	
hsa-miR-4706	0.110768181	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4706	0.110768181	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4709-3p	0.592966584	-0.276452186	0.359257928	-0.769508936	0.441591242	NA	hsa-miR-4709-3p	0.592966584	-0.639175285	0.357698386	-1.015311502	0.309957363	NA	
hsa-miR-4709-5p	0.286976277	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4709-5p	0.286976277	0.052514344	0.306970399	0.171072988	0.864166375	NA	
hsa-miR-4726-5p	0.385411468	-0.16629756	0.307640969	-0.540557261	0.588812783	NA	hsa-miR-4726-5p	0.385411468	-0.041936137	0.307640969	-0.136315188	0.891572118	NA	
hsa-miR-4728-3p	0.110342676	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4728-3p	0.110342676	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4733-3p	0.167022293	-0.159866278	0.307034494	-0.520678558	0.602590714	NA	hsa-miR-4733-3p	0.167022293	-0.129679074	0.307034494	-0.422359952	0.672762305	NA	
hsa-miR-4733-5p	0.459505525	0.043661807	0.341957428	0.127681996	0.898400639	NA	hsa-miR-4733-5p	0.459505525	0.141174575	0.341948158	0.412853738	0.679713777	NA	
hsa-miR-4733-5p	0.155507092	0	0.306970399	0	1	NA	hsa-miR-4733-5p	0.155507092	0.146688563	0.306970399	0.477858984	0.632750576	NA	
hsa-miR-4747-5p	0.100865933	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4747-5p	0.100865933	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4748	0.344465606	-0.064660099	0.307505519	-0.210272971	0.83345463	NA	hsa-miR-4748	0.344465606	-0.128647115	0.307505519	-0.418357093	0.675686052	NA	
hsa-miR-4749-3p	0.110342676	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4749-3p	0.110342676	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4753-5p	0.821756283	-0.21455763	0.422266191	-0.50786935	0.611544971	NA	hsa-miR-4753-5p	0.821756283	-0.496296058	0.416549998	-1.197444147	0.233479271	0.404038738	
hsa-miR-4755-5p	0.336900834	-0.302560375	0.330443134	-0.9156201	0.35966185	NA	hsa-miR-4755-5p	0.336900834	-0.267343963	0.330443134	-0.809044924	0.41848266	NA	
hsa-miR-4758-3p	0.459180842	-0.144676393	0.309011235	-0.468191369	0.639647744	NA	hsa-miR-4758-3p	0.459180842	-0.205171635	0.308774278	-0.66441265	0.506388734	NA	
hsa-miR-4762-3p	0.260144748	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4762-3p	0.260144748	0.052514344	0.306970399	0.171072988	0.864166375	NA	
hsa-miR-4763-5p	0.124659738	0.11650136	0.306970399	0.379519849	0.704201868	NA	hsa-miR-4763-5p	0.124659738	0	0.306970399	0	1	NA	
hsa-miR-4765	0.100865933	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4765	0.100865933	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4766-5p	0.275945682	0.11650136	0.306970399	0.379519849	0.704201868	NA	hsa-miR-4766-5p	0.275945682	0.146688563	0.306970399	0.477858984	0.632750576	NA	
hsa-miR-4769-3p	0.122034101	0.11650136	0.306970399	0.379519849	0.704201868	NA	hsa-miR-4769-3p	0.122034101	0	0.306970399	0	1	NA	
hsa-miR-4769-5p	0.165514013	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-4769-5p	0.165514013	-0.088746986	0.306970399	-0.289106005	0.772500258	NA	
hsa-miR-4772-3p	0.142146566	0.11650136	0.306970399	0.379519849	0.704201868	NA	hsa-miR-4772-3p	0.142146566	0.306970399	0.306970399	0.306970399	0	1	NA
hsa-miR-4773	0.748178161	-0.134000266	0.40492124	-0.330929211	0.740697957	NA	hsa-miR-4773	0.748178161	0.067940207	0.403416151	0.168412214	0.866259	NA	
hsa-miR-4774-5p	0.278764463	0.02232714	0.306970399	0.072733853	0.942017909	NA	hsa-miR-4774-5p	0.278764463	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4776-5p	0.214100611	-0.163588469	0.306970399	-0.532912847	0.594093912	NA	hsa-miR-4776-5p	0.214100611	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4778-3p	0.110342676	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4778-3p	0.110342676	-0.297798891	0.309179385	-0.96319129	0.335451535	NA	
hsa-miR-4782-5p	0.494772156	-0.327384628	0.309223083	-1.058732825	0.289721474	NA	hsa-miR-4782-5p	0.494772156	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4787-3p	0.161696494	0	0.306970399	0	1	NA	hsa-miR-4787-3p	0.161696494	0.146688563	0.306970399	0.477858984	0.632750576	NA	
hsa-miR-4788	0.644413814	-0.557760359	0.416404077	-1.339469014	0.180418035	NA	hsa-miR-4788	0.644413814	-0.326678395	0.415633528	-0.785977003	0.43188096	NA	
hsa-miR-4792	0.233260638	0	0.306970399	0	1	NA	hsa-miR-4792	0.233260638	0.193775673	0.306970399	0.631251982	0.527875778	NA	
hsa-miR-4793-3p	0.92604232	0.089147284	0.416408918	0.214085915	0.83048006	NA	hsa-miR-4793-3p	0.92604232	0.286510634	0.415105096	0.690212277	0.490060704	0.652015697	
hsa-miR-4793-3p	0.462935288	0.238441503	0.30809765	0.773915357	0.438980848	NA	hsa-miR-4793-3p	0.462935288	0.136282652	0.307652299	0.442976219	0.657782936	NA	
hsa-miR-4802-5p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4802-5p	0.083511147	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-4803	0.155507092	0	0.306970399	0	1	NA	hsa-miR-4803	0.155507092	0.146688563	0.306970399	0.477858984	0.632750576	NA	
hsa-miR-4804-3p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-4804-3p	0.083511147	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-487a-3p	0.221110857	-0.167440736	0.30707056	-0.545284238	0.585558043	NA	hsa-miR-487a-3p	0.221110857	-0.137253533	0.30707056	-0.446977179	0.654891537	NA	
hsa-miR-490-3p	0.292163308	0	0.306970399	0	1	NA	hsa-miR-490-3p	0.292163308	0.193775673	0.306970399	0.631251982	0.527875778	NA	
hsa-miR-491-3p	0.506444141	0.148382171	0.308037433	0.48170175	0.630017833	NA	hsa-miR-491-3p	0.506444141	0.228669433	0.307676771	0.742995848	0.457848194	NA	
hsa-miR-491-5p	0.344028819	-0.07455997	0.307156624	-0.242726556	0.808217234	NA	hsa-miR-491-5p	0.344028819	0.096893536	0.307156324	0.315453496	0.752417355	NA	
hsa-miR-4999-5p	0.317451171	-0.248794599	0.307785421	-0.80837828	0.418896132	NA	hsa-miR-4999-5p	0.317451171	-0.218607395	0.307785421	-0.710259097	0.47754348	NA	
hsa-miR-5002-5p	0.833032506	0.27073649	0.454309031	0.59593024	0.551221864	NA	hsa-miR-5002-5p	0.833032506	0.243341261	0.450295641	0.540403325	0.588918915	0.735675237	
hsa-miR-5003-3p	0.260369841	0.210675579	0.306970399	0.686305844	0.492520763	NA	hsa-miR-5003-3p	0.260369841	0	0.306970399	0	1	NA	
hsa-miR-5003-5p	0.136617896	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-5003-5p	0.136617896	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	
hsa-miR-5004-5p	0.142146566	0.11650136	0.306970399	0.379519849	0.704201868	NA	hsa-miR-5004-5p	0.142146566	0	0.306970399	0	1	NA	

hsa-miR-5006-3p	0.366102304	0.298976566	0.307324989	0.972835196	NA	NA	NA	NA	hsa-miR-5006-3p	0.366102304	0.307230735	0	0.307230735	0	NA	NA	NA	
hsa-miR-500b-3p	0.151298899	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	NA	NA	hsa-miR-500b-3p	0.151298899	0.306970399	-0.289106005	0.306970399	-0.289106005	0.772500258	NA	NA	
hsa-miR-507	0.268922045	0.11650136	0.306970399	0.379519849	0.704301868	NA	NA	NA	hsa-miR-507	0.268922045	0.146688563	0.146688563	0.306970399	0.477858984	0.632750576	NA	NA	
hsa-miR-5087	0.161696494	0.161696494	0.306970399	0	1	NA	NA	NA	hsa-miR-5087	0.161696494	0.146688563	0.146688563	0.306970399	0.477858984	0.632750576	NA	NA	
hsa-miR-5088-5p	0.166152272	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	NA	NA	hsa-miR-5088-5p	0.166152272	-0.088746986	0.306970399	-0.289106005	0.772500258	NA	NA	NA	
hsa-miR-5089-5p	0.155507092	0.155507092	0.306970399	0	1	NA	NA	NA	hsa-miR-5089-5p	0.155507092	0.146688563	0.306970399	0.477858984	0.632750576	NA	NA	NA	
hsa-miR-5090-5p	0.24902516	-0.202705843	0.307229222	-0.659786988	0.509390535	NA	NA	NA	hsa-miR-5090-5p	0.24902516	-0.172518639	0.306970399	-0.172518639	0.561530698	0.57443581	NA	NA	
hsa-miR-5100	0.213219849	0.163588469	0.306970399	0.532912847	0.594093912	NA	NA	NA	hsa-miR-5100	0.213219849	0.306970399	0	0.306970399	0	1	NA	NA	
hsa-miR-512-3p	0.421782365	-0.079092922	0.307446992	-0.257257101	0.796880307	NA	NA	NA	hsa-miR-512-3p	0.421782365	0.139442721	0.307446992	0.453550448	0.650152426	NA	NA	NA	
hsa-miR-513a-3p	0.559220104	0.101239246	0.307891369	0.328814824	0.742295658	NA	NA	NA	hsa-miR-513a-3p	0.559220104	0.275780849	0.30765229	0.866075395	0.370212497	NA	NA	NA	
hsa-miR-515-5p	0.323392989	0.323392989	0.306970399	0	0	NA	NA	NA	hsa-miR-515-5p	0.323392989	0.298314391	0.323392989	0.171072988	0.864166375	NA	NA	NA	
hsa-miR-5189-3p	0.330897224	-0.279730243	0.32749693	-0.854146153	0.930204014	NA	NA	NA	hsa-miR-5189-3p	0.330897224	-0.245126269	0.32749693	-0.748484173	0.454168168	NA	NA	NA	
hsa-miR-5189-5p	0.50920632	0.148239416	0.3535418	0.419298131	0.674998262	NA	NA	NA	hsa-miR-5189-5p	0.50920632	0.379645005	0.353338533	1.074451185	0.282620512	NA	NA	NA	
hsa-miR-518a-5p	0.221110857	0.167440736	0.30707056	0.545284238	0.585558043	NA	NA	NA	hsa-miR-518a-5p	0.221110857	-0.137253533	0.30707056	-0.446977179	0.654891537	NA	NA	NA	
hsa-miR-5191	0.258651998	0.02232714	0.306970399	0.0727233853	0.942017909	NA	NA	NA	hsa-miR-5191	0.258651998	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	NA	NA	
hsa-miR-519c-3p	0.142146566	0.11650136	0.306970399	0.379519849	0.704301868	NA	NA	NA	hsa-miR-519c-3p	0.142146566	0	0.306970399	0	0	1	NA	NA	
hsa-miR-520g-3p	0.151285944	0	0.306970399	0	1	NA	NA	NA	hsa-miR-520g-3p	0.151285944	0.146688563	0.306970399	0.477858984	0.632750576	NA	NA	NA	
hsa-miR-521	0.194279328	-0.162817448	0.307048632	-0.530265993	0.95927521	NA	NA	NA	hsa-miR-521	0.194279328	-0.132630244	0.307048632	-0.431951914	0.665776363	NA	NA	NA	
hsa-miR-539-3p	0.708885084	-0.859784233	0.443295415	-1.93952882	0.052436979	NA	NA	NA	hsa-miR-539-3p	0.708885084	-0.7986464	0.442668977	-1.804162668	0.071205967	NA	NA	NA	
hsa-miR-543	0.110342676	-0.07184708	0.306970399	-0.234052142	0.81494499	NA	NA	NA	hsa-miR-543	0.110342676	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	NA	NA	
hsa-miR-544b	0.204926845	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	NA	NA	hsa-miR-544b	0.204926845	-0.088746986	0.306970399	-0.289106005	0.772500258	NA	NA	NA	
hsa-miR-548a	0.396507404	-0.158843327	0.307505519	-0.516525125	0.60286796	NA	NA	NA	hsa-miR-548a	0.396507404	-0.034472903	0.307505519	-0.422104991	0.91074016	NA	NA	NA	
hsa-miR-548a-3p	0.167022293	-0.15986627	0.307034494	-0.52068538	0.620290714	NA	NA	NA	hsa-miR-548a-3p	0.167022293	-0.129679074	0.307034494	-0.442235952	0.672762305	NA	NA	NA	
hsa-miR-548a-3p	0.201731865	-0.167440767	0.30707056	-0.545284238	0.585559795	NA	NA	NA	hsa-miR-548a-3p	0.201731865	-0.137253533	0.30707056	-0.446977179	0.654891465	NA	NA	NA	
hsa-miR-548a	0.394635808	0.109256158	0.307447049	0.35356772	0.722215588	NA	NA	NA	hsa-miR-548a	0.394635808	-0.048905778	0.307446997	-0.159070598	0.87361323	NA	NA	NA	
hsa-miR-548a	0.08351147	-0.07184708	0.306970399	-0.234052142	0.81494499	NA	NA	NA	hsa-miR-548a	0.08351147	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	NA	NA	
hsa-miR-548c-3p	0.184377079	-0.162817448	0.307048632	-0.530265993	0.95927521	NA	NA	NA	hsa-miR-548c-3p	0.184377079	-0.132630244	0.307048632	-0.431951914	0.665776363	NA	NA	NA	
hsa-miR-548g-5p	0.268000461	-0.013377638	0.307137464	-0.043555865	0.965258321	NA	NA	NA	hsa-miR-548g-5p	0.268000461	-0.077364654	0.307137464	-0.251889343	0.801126597	NA	NA	NA	
hsa-miR-548h-5p	0.664394766	-0.427794695	0.369830918	-1.156730481	0.247382492	NA	NA	NA	hsa-miR-548h-5p	0.664394766	-0.260892691	0.368781194	-0.707445756	0.479289511	NA	NA	NA	
hsa-miR-548i	0.29403264	-0.028207008	0.307203412	-0.091818668	0.926842112	NA	NA	NA	hsa-miR-548i	0.29403264	-0.092194024	0.307203412	-0.300107423	0.764095218	NA	NA	NA	
hsa-miR-548j-5p	0.540253998	-0.481349742	0.36289102	-1.32643057	0.184697119	NA	NA	NA	hsa-miR-548j-5p	0.540253998	-0.43931524	0.362829508	-1.210803504	0.225970722	NA	NA	NA	
hsa-miR-548y	0.221110857	-0.167440736	0.30707056	-0.545284238	0.585558043	NA	NA	NA	hsa-miR-548y	0.221110857	-0.137253533	0.30707056	-0.446977179	0.654891537	NA	NA	NA	
hsa-miR-549a	0.794851206	0	0.31088275	0	NA	NA	NA	NA	hsa-miR-549a	0.794851206	0.310992573	1.278120233	NA	NA	NA	NA	NA	
hsa-miR-551b-5p	0.866387716	-0.214157928	0.466321736	-0.459249294	0.646055156	NA	NA	NA	hsa-miR-551b-5p	0.866387716	-0.616883667	0.45757165	-1.344821114	0.177590483	0.331701454	NA	NA	NA
hsa-miR-556-3p	0.629707497	-0.261175782	0.414194869	-0.630562571	0.528326578	NA	NA	NA	hsa-miR-556-3p	0.629707497	-0.45774075	0.410569467	-1.144892343	0.264896558	NA	NA	NA	
hsa-miR-5579-3p	0.436734278	-0.157359462	0.339840107	-0.463039701	0.643335921	NA	NA	NA	hsa-miR-5579-3p	0.436734278	-0.238029069	0.339635329	-0.700837188	0.483404627	NA	NA	NA	
hsa-miR-5580-5p	0.467015359	0.208069871	0.344914937	0.603249814	0.546342514	NA	NA	NA	hsa-miR-5580-5p	0.467015359	-0.063605692	0.343810941	-0.185001942	0.853227513	NA	NA	NA	
hsa-miR-5582-5p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA	NA	NA	hsa-miR-5582-5p	0.124659738	0	0.306970399	0	1	NA	NA	NA	
hsa-miR-5584-3p	0.211208608	-0.167440736	0.30707056	-0.545284238	0.585558043	NA	NA	NA	hsa-miR-5584-3p	0.211208608	-0.137253533	0.30707056	-0.446977179	0.654891537	NA	NA	NA	
hsa-miR-5585-5p	0.161696494	0.161696494	0.306970399	0	0	NA	NA	NA	hsa-miR-5585-5p	0.161696494	0.146688563	0.306970399	0.477858984	0.632750576	NA	NA	NA	
hsa-miR-5587-3p	0.176454151	0.163588469	0.306970399	0.532912847	0.594093912	NA	NA	NA	hsa-miR-5587-3p	0.176454151	0	0.306970399	0	0	1	NA	NA	
hsa-miR-5588-5p	0.705184601	-0.253791847	0.369455783	-0.686934294	0.492124135	NA	NA	NA	hsa-miR-5588-5p	0.705184601	-0.395509878	0.366329452	-1.079656238	0.280295288	NA	NA	NA	
hsa-miR-5683	0.151298899	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	NA	NA	hsa-miR-5683	0.151298899	-0.088746986	0.306970399	-0.289106005	0.772500258	NA	NA	NA	
hsa-miR-5687	0.122034101	0.11650136	0.306970399	0.379519849	0.704301868	NA	NA	NA	hsa-miR-5687	0.122034101	0.306970399	0	0.306970399	0	1	NA	NA	
hsa-miR-5689	0.807265772	-0.227928892	0.371766771	-0.613094461	0.53981256	NA	NA	NA	hsa-miR-5689	0.807265772	0.153823998	0.371839807	0.413683513	0.679105903	0.806827655	NA	NA	NA
hsa-miR-5690	0.795650033	-0.065966126	0.410380999	-0.160743616	0.872295335	NA	NA	NA	hsa-miR-5690	0.795650033	-0.073422371	0.407242991	-0.180291308	0.856923879	0.924763686	NA	NA	NA
hsa-miR-580-5p	0.518919498	0.101494263	0.360602147	0.256297254	0.797719217	NA	NA	NA	hsa-miR-580-5p	0.518919498	-0.208167312	0.393118548	-0.529393166	NA	NA	NA	NA	
hsa-miR-580	0.629531962	0.201836818	0.408427928	0.494174767	0.621179232	NA	NA	NA	hsa-miR-580	0.629531962	-0.215397738	0.402984867	-0.534505783	0.5929291657	NA	NA	NA	
hsa-miR-598-5p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.81494499	NA	NA	NA	hsa-miR-598-5p	0.083511147	-0.041659876	0.306970399	-0.135713007	0.892048165	NA	NA	NA	
hsa-miR-602	0.220685351	-0.167440767	0.30707056	-0.545284337	0.585557975	NA	NA	NA	hsa-miR-602	0.220685351	-0.137253563	0.30707056	-0.446977279	0.654891465	NA	NA	NA	

hsa-miR-622	0.176454151	0.163588469	0.306970399	0.532912847	0.594093912	NA	hsa-miR-622	0.176454151	0.163588469	0.306970399	0.532912847	0.594093912	NA
hsa-miR-623	0.362843742	0.038376198	0.328133982	0.116955927	0.906492602	NA	hsa-miR-623	0.362843742	0.038376198	0.328133982	0.116955927	0.906492602	NA
hsa-miR-642b-3p	0.136617896	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-642b-3p	0.136617896	-0.07184708	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6501-3p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6501-3p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6502-5p	0.319367342	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6502-5p	0.319367342	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6505-3p	0.176633601	0.11650136	0.306970399	0	1 NA	NA	hsa-miR-6505-3p	0.176633601	0.11650136	0.306970399	0	1 NA	NA
hsa-miR-6508-3p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6508-3p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6510-3p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6510-3p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6511a-3p	0.110768181	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-6511a-3p	0.110768181	-0.07184708	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6511a-5p	0.367811461	-0.099523361	0.307298821	-0.323865093	0.746040172	NA	hsa-miR-6511a-5p	0.367811461	-0.099523361	0.307298821	-0.323865093	0.746040172	NA
hsa-miR-6511b-3p	0.186989606	0.163588469	0.306970399	0.532912847	0.594093912	NA	hsa-miR-6511b-3p	0.186989606	0.163588469	0.306970399	0.532912847	0.594093912	NA
hsa-miR-6513-3p	0.100865933	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-6513-3p	0.100865933	-0.07184708	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6516-5p	0.754520144	0.022424516	0.417047987	0.053769631	0.957118706	NA	hsa-miR-6516-5p	0.754520144	0.022424516	0.417047987	0.053769631	0.957118706	NA
hsa-miR-653-3p	0.167022293	-0.159866278	0.307034494	-0.520678558	0.602590714	NA	hsa-miR-653-3p	0.167022293	-0.159866278	0.307034494	-0.520678558	0.602590714	NA
hsa-miR-664b-3p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-664b-3p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-664b-5p	0.235427919	0.02232714	0.306970399	0.072733853	0.942017909	NA	hsa-miR-664b-5p	0.235427919	0.02232714	0.306970399	0.072733853	0.942017909	NA
hsa-miR-6721-5p	0.521877337	0.101239257	0.307891368	0.328814861	0.74229563	NA	hsa-miR-6721-5p	0.521877337	0.101239257	0.307891368	0.328814861	0.74229563	NA
hsa-miR-6727-5p	0.166152272	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-6727-5p	0.166152272	-0.118934189	0.306970399	-0.38744514	0.698426691	NA
hsa-miR-6728-5p	0.299018239	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-6728-5p	0.299018239	-0.07184708	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6730-5p	0.637061348	-0.304034469	0.446853331	-0.680389997	0.496657553	NA	hsa-miR-6730-5p	0.637061348	-0.304034469	0.446853331	-0.680389997	0.496657553	NA
hsa-miR-6732-3p	0.161696494	0.161696494	0.306970399	0	1 NA	NA	hsa-miR-6732-3p	0.161696494	0.161696494	0.306970399	0	1 NA	NA
hsa-miR-6733-3p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6733-3p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6734-5p	0.122034101	0.11650136	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-6734-5p	0.122034101	0.11650136	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6739-5p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-6739-5p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6740-5p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6740-5p	0.124659738	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6741-3p	0.347073411	-0.028206981	0.307203412	-0.091818581	0.927642181	NA	hsa-miR-6741-3p	0.347073411	-0.028206981	0.307203412	-0.091818581	0.927642181	NA
hsa-miR-6742-3p	0.233260638	0	0.306970399	0	1 NA	NA	hsa-miR-6742-3p	0.233260638	0	0.306970399	0	1 NA	NA
hsa-miR-6743-5p	0.176633601	0	0.306970399	0	1 NA	NA	hsa-miR-6743-5p	0.176633601	0	0.306970399	0	1 NA	NA
hsa-miR-6747-3p	0.341544741	-0.219152157	0.307371297	-0.712988362	0.475852959	NA	hsa-miR-6747-3p	0.341544741	-0.219152157	0.307371297	-0.712988362	0.475852959	NA
hsa-miR-6748-3p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-6748-3p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6750-5p	0.12526672	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-6750-5p	0.12526672	-0.118934189	0.306970399	-0.38744514	0.698426691	NA
hsa-miR-6751-5p	0.226928917	0.226928917	0.306970399	0	1 NA	NA	hsa-miR-6751-5p	0.226928917	0.226928917	0.306970399	0	1 NA	NA
hsa-miR-6753-3p	0.122034101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6753-3p	0.122034101	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6754-3p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6754-3p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6758-3p	0.142733741	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6758-3p	0.142733741	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6761-3p	0.122034101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6761-3p	0.122034101	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6761-5p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6761-5p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6768-5p	0.322402295	-0.251212093	0.307827661	-0.81608031	0.414454204	NA	hsa-miR-6768-5p	0.322402295	-0.251212093	0.307827661	-0.81608031	0.414454204	NA
hsa-miR-6770-5p	0.531001456	-0.092643636	0.396680229	-0.233589797	0.81530345	NA	hsa-miR-6770-5p	0.531001456	-0.092643636	0.396680229	-0.233589797	0.81530345	NA
hsa-miR-6775-3p	1.168653232	0	0.314592924	0	NA	NA	hsa-miR-6775-3p	1.168653232	0	0.314592924	0	NA	NA
hsa-miR-6780a-5p	0.151298899	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-6780a-5p	0.151298899	-0.118934189	0.306970399	-0.38744514	0.698426691	NA
hsa-miR-6783-5p	0.3279325	-0.12238123	0.307203412	-0.39831973	0.690356014	NA	hsa-miR-6783-5p	0.3279325	-0.12238123	0.307203412	-0.39831973	0.690356014	NA
hsa-miR-6784-3p	0.142733741	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6784-3p	0.142733741	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6786-3p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA	hsa-miR-6786-3p	0.117636101	0.11650136	0.306970399	0.379519849	0.704301868	NA
hsa-miR-6787-3p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-6787-3p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6787-5p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA	hsa-miR-6787-5p	0.083511147	-0.07184708	0.306970399	-0.234052142	0.814944999	NA
hsa-miR-6789-5p	0.166152272	-0.118934189	0.306970399	-0.38744514	0.698426691	NA	hsa-miR-6789-5p	0.166152272	-0.118934189	0.306970399	-0.38744514	0.698426691	NA
hsa-miR-6791-3p	0.194775539	0	0.306970399	0	1 NA	NA	hsa-miR-6791-3p	0.194775539	0	0.306970399	0	1 NA	NA
hsa-miR-6794-3p	0.194775539	0	0.306970399	0	1 NA	NA	hsa-miR-6794-3p	0.194775539	0	0.306970399	0	1 NA	NA
hsa-miR-6802-5p	0.344465606	-0.064660099	0.307505519	-0.210272971	0.83345463	NA	hsa-miR-6802-5p	0.344465606	-0.064660099	0.307505519	-0.210272971	0.83345463	NA

stat = the Wald statistic: the \log_2 FoldChange divided by lfcSE, which is compared to a standard normal distribution to generate a two-tailed p-value
padj = adjusted p-value

Supplemental Table S4. Results of microRNA enrichment analysis and annotation (miTEA) performed using the common pool

Category	Subcategory	Enrichment	p-value	expected	observed	miRNAs/precursors
Diseases (miRWalk)	Asthma	over-represented	0.0430679	1.58333	6	hsa-miR-29c-3p; hsa-let-7f-5p; hsa-miR-26a-5p; hsa-miR-29b-3p; hsa-miR-574-5p; hsa-let-7g-5p
Diseases (miRWalk)	Carcinoma	over-represented	0.0192682	16.1987	27	hsa-miR-193a-3p; hsa-miR-29c-3p; hsa-miR-19b-3p; hsa-let-7f-5p; hsa-miR-221-3p; hsa-miR-26a-5p; hsa-miR-218-5p; hsa-miR-29b-3p; hsa-miR-203a-3p; hsa-miR-10b-5p; hsa-miR-137; hsa-miR-374a-5p; hsa-miR-31-5p; hsa-miR-183-5p; hsa-miR-205-5p; hsa-miR-29a-3p; hsa-miR-15a-5p; hsa-miR-26b-5p; hsa-miR-24-3p; hsa-let-7g-5p; hsa-miR-532-5p; hsa-miR-138-5p; hsa-miR-126-3p; hsa-miR-22-3p; hsa-miR-19a-3p; hsa-miR-152-3p; hsa-miR-210-3p
Diseases (miRWalk)	Carcinoma Squamous Cell	over-represented	0.0430679	5.35897	12	hsa-miR-193a-3p; hsa-miR-221-3p; hsa-miR-203a-3p; hsa-miR-10b-5p; hsa-miR-137; hsa-miR-374a-5p; hsa-miR-31-5p; hsa-miR-205-5p; hsa-miR-15a-5p; hsa-miR-24-3p; hsa-miR-138-5p; hsa-miR-210-3p
Diseases (miRWalk)	Hemorrhage	over-represented	0.0430679	0.730769	4	hsa-miR-29c-3p; hsa-miR-29b-3p; hsa-miR-29a-3p; hsa-miR-126-3p
Diseases (miRWalk)	Inflammation	over-represented	0.01949	5.23718	13	hsa-miR-29c-3p; hsa-miR-19b-3p; hsa-let-7f-5p; hsa-miR-221-3p; hsa-miR-29b-3p; hsa-miR-203a-3p; hsa-miR-31-5p; hsa-miR-574-5p; hsa-let-7g-5p; hsa-miR-532-5p; hsa-miR-126-3p; hsa-miR-22-3p; hsa-miR-19a-3p
Diseases (miRWalk)	Lung Neoplasms	over-represented	0.01949	5.11538	13	hsa-miR-29c-3p; hsa-let-7f-5p; hsa-miR-221-3p; hsa-miR-29b-3p; hsa-miR-137; hsa-miR-31-5p; hsa-miR-183-5p; hsa-miR-29a-3p; hsa-miR-15a-5p; hsa-let-7g-5p; hsa-miR-126-3p; hsa-miR-22-3p; hsa-miR-19a-3p
Diseases (miRWalk)	Starvation	over-represented	0.0430679	0.730769	4	hsa-miR-29c-3p; hsa-miR-29b-3p; hsa-miR-31-5p; hsa-miR-29a-3p
Diseases (published studies about miRNA profiles from peripheral blood)	Alzheimers Disease deregulated	over-represented	0.000063602	13.6957	28	hsa-miR-1260b; hsa-miR-29c-3p; hsa-let-7f-5p; hsa-miR-26a-5p; hsa-miR-339-3p; hsa-miR-589-5p; hsa-miR-29b-3p; hsa-miR-324-5p; hsa-miR-10b-5p; hsa-miR-660-5p; hsa-miR-3200-3p; hsa-miR-374a-5p; hsa-miR-31-5p; hsa-miR-126-5p; hsa-miR-29a-3p; hsa-miR-15a-5p; hsa-miR-210-5p; hsa-miR-26b-5p; hsa-miR-625-5p; hsa-let-7g-5p; hsa-miR-330-5p; hsa-miR-532-5p; hsa-miR-126-3p; hsa-miR-148b-3p; hsa-miR-659-5p; hsa-miR-32-5p; hsa-miR-152-3p; hsa-miR-33b-5p
Diseases (published studies about miRNA profiles from peripheral blood)	Alzheimers Disease downregulated	over-represented	8.3129E-05	5.47826	18	hsa-miR-29c-3p; hsa-let-7f-5p; hsa-miR-29b-3p; hsa-miR-660-5p; hsa-miR-3200-3p; hsa-miR-374a-5p; hsa-miR-31-5p; hsa-miR-126-5p; hsa-miR-29a-3p; hsa-miR-15a-5p; hsa-miR-26b-5p; hsa-let-7g-5p; hsa-miR-532-5p; hsa-miR-126-3p; hsa-miR-148b-3p; hsa-miR-32-5p; hsa-miR-152-3p; hsa-miR-33b-5p
Diseases (published studies about miRNA profiles from peripheral blood)	benign prostate hyperplasia downregulated	over-represented	0.0278624	5.21739	12	hsa-miR-221-3p; hsa-miR-26a-5p; hsa-miR-374b-5p; hsa-miR-660-5p; hsa-miR-374a-5p; hsa-miR-140-3p; hsa-miR-26b-5p; hsa-let-7g-5p; hsa-miR-126-3p; hsa-miR-148b-3p; hsa-miR-32-5p; hsa-miR-33b-5p
Diseases (published studies about miRNA profiles from peripheral blood)	prostate cancer deregulated	over-represented	0.0166094	15.4565	26	hsa-miR-708-5p; hsa-miR-149-5p; hsa-let-7f-5p; hsa-miR-449b-5p; hsa-miR-26a-5p; hsa-miR-339-5p; hsa-miR-374b-5p; hsa-miR-10b-3p; hsa-miR-29b-3p; hsa-miR-660-5p; hsa-miR-137; hsa-miR-153-3p; hsa-miR-29a-5p; hsa-miR-374a-5p; hsa-miR-26a-2-3p; hsa-miR-126-5p; hsa-miR-26b-5p; hsa-miR-625-5p; hsa-miR-24-3p; hsa-let-7g-5p; hsa-miR-138-5p; hsa-miR-126-3p; hsa-miR-148b-3p; hsa-miR-19a-3p; hsa-miR-32-5p; hsa-miR-33b-5p

Diseases (published studies about miRNA profiles from peripheral blood)	prostate cancer downregulated	over-represented	0.00774084	7.5	17	hsa-let-7f-5p; hsa-miR-26a-5p; hsa-miR-374b-5p; hsa-miR-10b-3p; hsa-miR-29b-3p; hsa-miR-660-5p; hsa-miR-137; hsa-miR-153-5p; hsa-miR-374a-5p; hsa-miR-26b-5p; hsa-miR-24-3p; hsa-let-7g-5p; hsa-miR-126-3p; hsa-miR-148b-3p; hsa-miR-19a-3p; hsa-miR-32-5p; hsa-miR-33b-5p
Diseases (published studies about miRNA profiles from peripheral blood)	psoriasis deregulated	over-represented	0.0278624	15.3913	25	hsa-miR-708-5p; hsa-miR-29c-3p; hsa-miR-19b-3p; hsa-miR-221-3p; hsa-miR-449b-5p; hsa-miR-26a-5p; hsa-miR-374b-5p; hsa-miR-29b-3p; hsa-miR-324-5p; hsa-miR-660-5p; hsa-miR-137; hsa-miR-29a-5p; hsa-miR-374a-5p; hsa-miR-183-5p; hsa-miR-29a-3p; hsa-miR-140-3p; hsa-miR-26b-5p; hsa-let-7g-5p; hsa-miR-330-5p; hsa-miR-532-5p; hsa-miR-10a-3p; hsa-miR-126-3p; hsa-miR-22-3p; hsa-miR-378a-3p; hsa-miR-33b-5p
Diseases (published studies about miRNA profiles from peripheral blood)	psoriasis downregulated	over-represented	0.00073094	7.43478	19	hsa-miR-29c-3p; hsa-miR-221-3p; hsa-miR-26a-5p; hsa-miR-374b-5p; hsa-miR-29b-3p; hsa-miR-324-5p; hsa-miR-660-5p; hsa-miR-137; hsa-miR-374a-5p; hsa-miR-183-5p; hsa-miR-29a-3p; hsa-miR-140-3p; hsa-miR-26b-5p; hsa-let-7g-5p; hsa-miR-532-5p; hsa-miR-126-3p; hsa-miR-22-3p; hsa-miR-378a-3p; hsa-miR-33b-5p
Diseases (published studies about miRNA profiles from peripheral blood)	sarcoidosis downregulated	over-represented	0.00911771	9.19565	19	hsa-let-7f-5p; hsa-miR-221-3p; hsa-miR-26a-5p; hsa-miR-374b-5p; hsa-miR-940; hsa-miR-660-5p; hsa-miR-374a-5p; hsa-miR-31-5p; hsa-miR-183-5p; hsa-miR-15a-5p; hsa-miR-26b-5p; hsa-miR-24-3p; hsa-let-7g-5p; hsa-miR-532-5p; hsa-miR-126-3p; hsa-miR-148b-3p; hsa-miR-32-5p; hsa-miR-152-3p; hsa-miR-210-3p

Supplemental Table S5. DIANA mirPATH union results. Analysis was performed using experimentally validated targets (TarBase v6) of miRNAs up-regulated with a log₂ fold-change ≥ 1.5 in TSN-knockdown or UPF-knockdown cells relative to Ctl siRNA-treated cells

KEGG pathway	p-value	#genes	#miRNAs
Proteoglycans in cancer	3.54E-13	47	4
Viral carcinogenesis	2.12E-11	51	5
Glioma	1.10E-09	22	5
Non-small cell lung cancer	1.45E-08	14	3
Chronic myeloid leukemia	1.77E-08	26	5
Pancreatic cancer	4.28E-07	19	4
Renal cell carcinoma	1.47E-06	26	3
Prostate cancer	6.30E-06	26	3
Endometrial cancer	1.09E-05	16	3
Cell cycle	2.57E-05	34	4
Central carbon metabolism in cancer	4.40E-05	25	4
p53 signaling pathway	0.000308	21	3
Pathways in cancer	0.000369	61	3
HIF-1 signaling pathway	0.000604	28	3
FoxO signaling pathway	0.001132	25	2
mTOR signaling pathway	0.001692	13	2
Small cell lung cancer	0.002419	12	2
Melanoma	0.002537	12	3
Hepatitis B	0.002979	12	1
MicroRNAs in cancer	0.003117	32	3
Signaling pathways regulating pluripotency of stem cells	0.003158	18	2
Estrogen signaling pathway	0.003357	28	4
Colorectal cancer	0.004082	11	2
ErbB signaling pathway	0.004648	26	3
Hippo signaling pathway	0.009316	31	3
Bladder cancer	0.012694	9	2
Oocyte meiosis	0.013915	21	2
Prolactin signaling pathway	0.023282	9	2
Thyroid hormone signaling pathway	0.031722	23	3
Thyroid cancer	0.035720	9	2
Aldosterone-regulated sodium reabsorption	0.038500	10	2
Sphingolipid signaling pathway	0.040423	13	2
Bacterial invasion of epithelial cells	0.042028	12	1
Neurotrophin signaling pathway	0.047724	18	2

KEGG, Kyoto Encyclopedia of Genes and Genomes