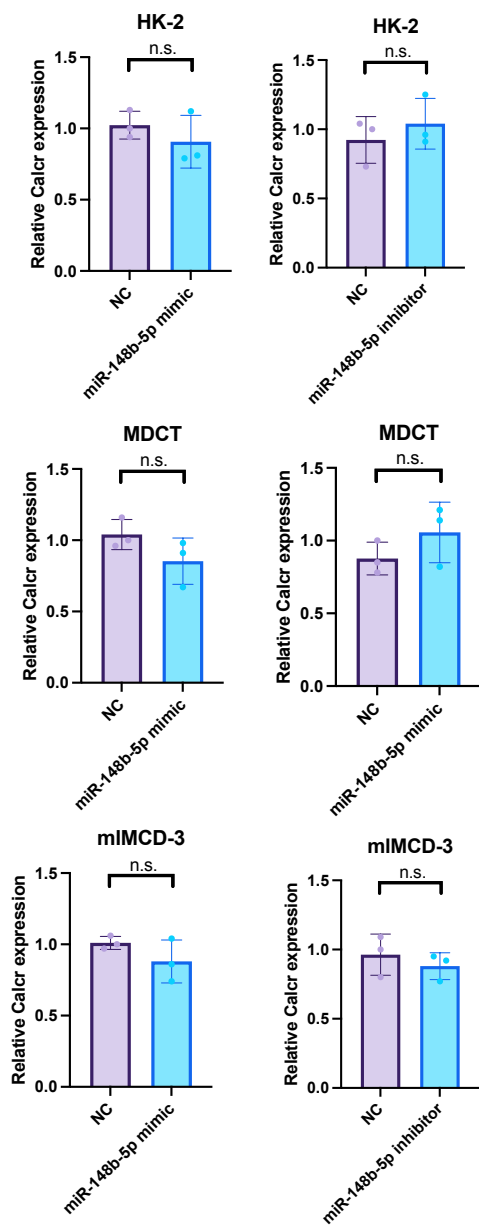


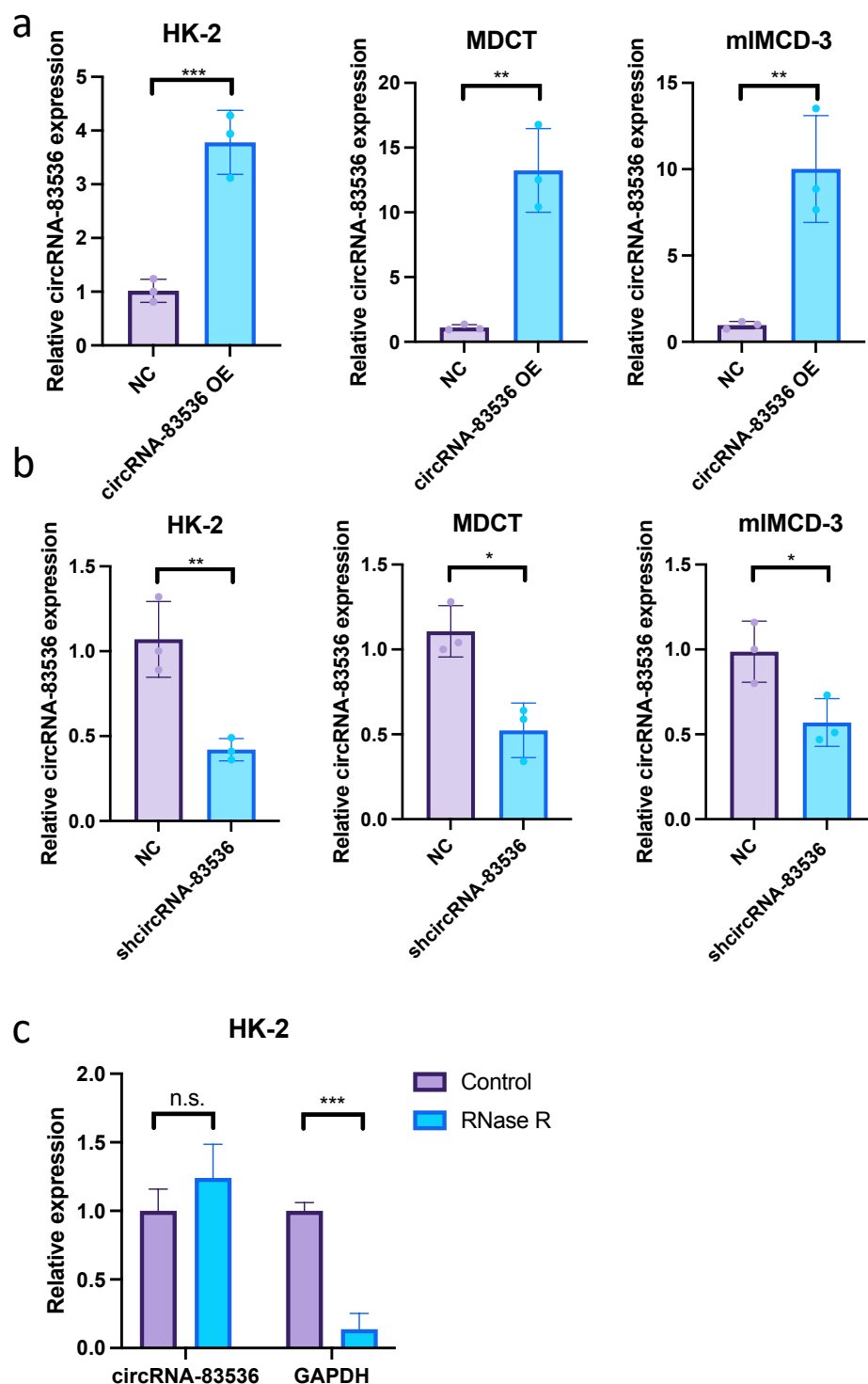
Supplementary Figure 1

a



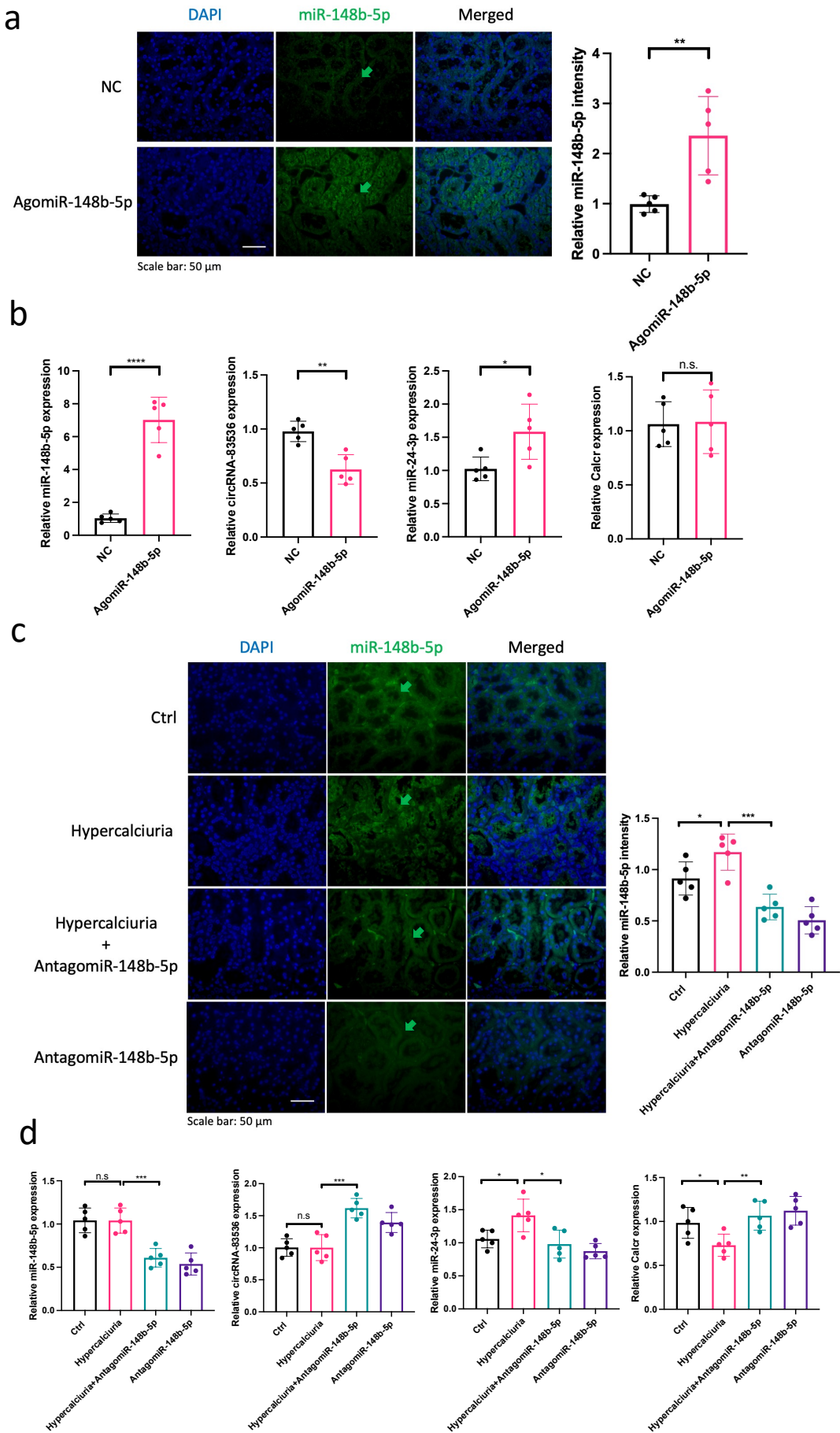
Supplementary Figure 1. (a) The expression level of *Calcr* mRNA was detected by RT-qPCR analysis 24 hours after transfection with *miR-148b-5p* mimics (50nM) or antisense inhibitor (100nM) in HK-2, MDCT, and mIMCD-3 cells. Data are given as mean $\pm$ SD, from 3 samples in each group. n.s, not significant (Student's t-test).

Supplementary Figure 2



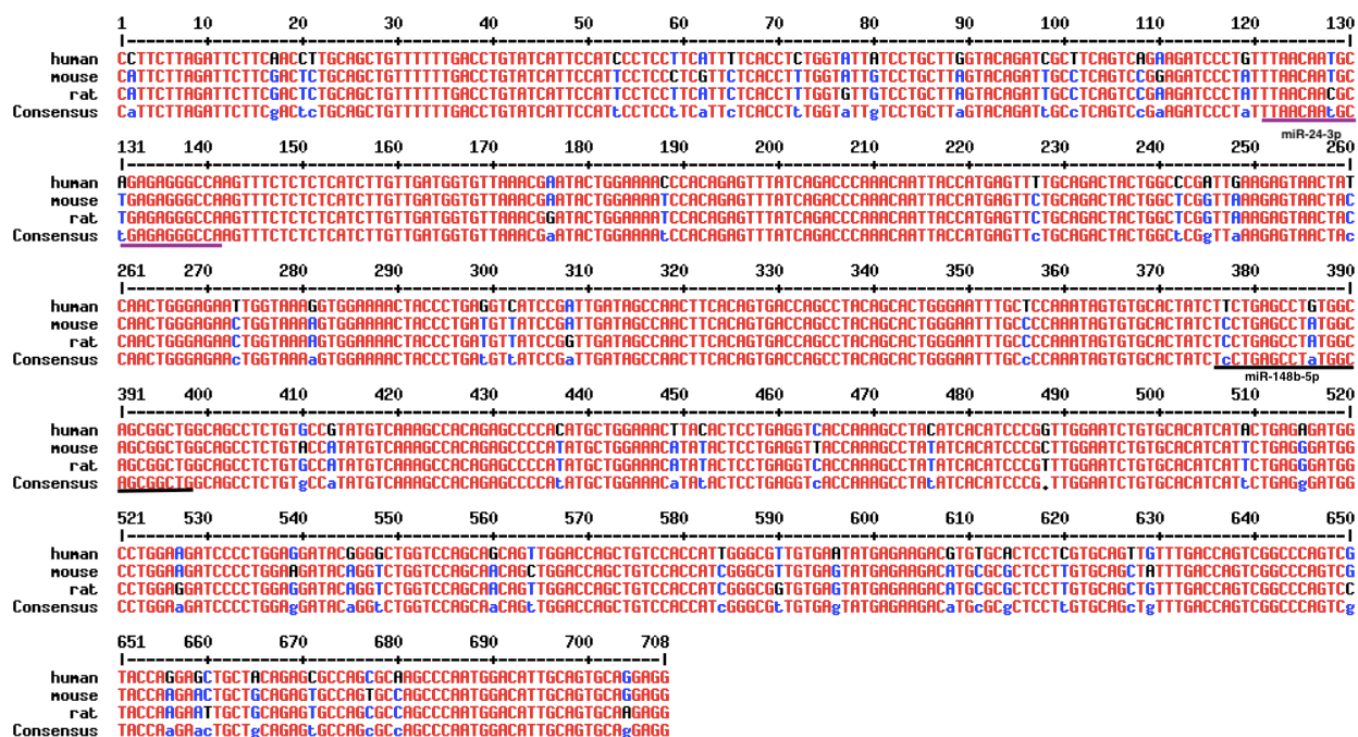
Supplementary Figure 2. (a) RT-qPCR show *circRNA-83536* overexpression efficiency in HK-2, MDCT, and mIMCD-3 cells. The expression level was detected 24 hours after transfection (250ng/ml); (b) RT-qPCR show *circRNA-83536* knockdown efficiency in HK-2, MDCT, and mIMCD-3 cells. The expression level was detected 24 hours after transfection transfection (250ng/ml); (c) Total RNAs were digested with RNase R followed by RT-qPCR detection of *circRNA-83536* expression. GAPDH mRNA was detected as the RNase R-sensitive control. Data are given as mean $\pm$ SD, from 3 samples in each group. n.s, not significant, * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$ (Student's t test).

Supplementary Figure 3



Supplementary Figure 3. (a) Representative FISH images detecting *miR-148b-5p* (green arrows) expression in kidney tissues from rats treated with *miR-148b-5p* agomir. (b) The RT-qPCR analysis of *Calcr* gene and *miR-148b-5p*, *circRNA-83536* and *miR-24-3p* expression in kidney tissues from rats treated with *miR-148b-5p* agomir. (c) Representative IF images detecting *miR-148b-5p* (green arrows) expression in kidney tissues from vitamin D and increasing calcium intake induced hypercalciuria rats treated with *miR-148b-5p* antagomir. (d) The RT-qPCR analysis of *Calcr* gene and *miR-148b-5p*, *circRNA-83536* and *miR-24-3p* expression in kidney tissues from vitamin D and increasing calcium intake induced hypercalciuria rats treated with *miR-148b-5p* antagomir. Data are given as mean $\pm$ SD, from 5 rats in each group. n.s, not significant, * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$, **** $P < 0.0001$ (Student's t-test for a,b and One-Way ANOVA test for c,d).

Supplementary Figure 4



Supplementary Figure 4. The *circRNA-83536* from human, mouse and rat and the miRNA binding site for *miR-148b-5p* (black underline) and *miR-24-3p* (magenta underline).

Supplementary Table 1

miRNA ID	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	C	P	log2(fold hance)	P-value
hsa-miR-4537	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	295.14	0	0	0	29.514	11.5272	0.04443217
hsa-miR-6803-5p	0	0	0	0	0	0	0	0	0	0	0	0	32.08	0	0	0	0	245.95	0	0	0	27.803	11.441	0.01958669
hsa-miR-2160-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	147.57	0	54.75	0	20.232	10.9824	0.019245267
hsa-miR-4539-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.676	0	0	0	19.676	10.9422	0.06330347
hsa-miR-4776-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	196.76	0	0	0	19.676	10.9422	0.063793471
hsa-miR-6515-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47.57	2.73	4.71	0	0	96.61	0	15.162	10.5662	0.004244175
hsa-miR-3135a	0	0	0	0	0	0	0	0	0	0	0	0	0	10.92	0	0	0	98.38	0	0	0	10.93	10.0941	0.077537798
hsa-miR-6882-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103.05	0	0	0	10.305	10.0091	0.031883669
hsa-miR-1463	0	0	0	0	0	0	0	0	0	0	0	0	3.64	0	0	0	0	98.38	0	0	0	10.202	9.9946	0.133718065
hsa-miR-663a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	0	0	98.38	0	0	0	9.975	9.9622	0.182787283
hsa-miR-4800-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	21.84	0	0	1.88	0	0	70.85	0	9.457	9.8852	0.012590469
hsa-miR-601	0	0	0	0	0	0	0	0	0	0	0	93.41	0	0	0	0	0	0	0	0	0	9.341	9.8674	0.147780509
hsa-miR-2940-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	76.43	4.32	0	0	0	0	0	0	8.075	9.6573	0.02604691
hsa-miR-1910-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	3.64	4.32	0	0	0	0	49.19	0	7.647	9.5788	0.045323261
hsa-miR-1433a-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74.07	0	7.407	9.5327	0.052789178
hsa-miR-152-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	64.17	0	0	6.84	0	0	0	0	7.101	9.4719	0.075960038
hsa-miR-4999-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.54	0	0	0	0	0	0	6.054	9.2417	0.108382493
hsa-miR-201b-3p	0	0	0	0	0	0	0	0	0	0	0	0	8.02	50.95	0	0	0	0	0	0	0	5.897	9.2038	0.035960857
hsa-miR-3010-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.22	0	5.905	9.1306	0.222141019
hsa-miR-937-3p	0	0	0	0	0	0	0	6.37	0	0	0	0	0	0	38.92	5.47	1.88	0	0	161.02	0.037	20.729	9.1299	0.002084288
hsa-miR-6884-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.6	49.19	0	0	0	5.579	9.1239	0.192436654
hsa-miR-5481-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	6.53	0	0	5.572	9.1221	0.260486858
hsa-miR-6259-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	1.88	49.19	0	0	0	0	5.244	9.0345	0.235695996
hsa-miR-6746-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.430025753
hsa-miR-4708-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.430448527
hsa-miR-550b-2-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.430647197
hsa-miR-3169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.430689413
hsa-miR-147b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.431068536
hsa-miR-6088	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.431265579
hsa-miR-4491	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.431480509
hsa-miR-4538	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.431778428
hsa-miR-6876-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0	0	4.919	8.9422	0.43249505
hsa-miR-5587-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47.57	0	0	0	0	0	0	4.757	8.8939	0.151600705
hsa-miR-345-3p	0	0	0	0	0	0	0	0	0	0	0	0	32.08	0	4.32	6.84	0	0	0	0	0	4.701	8.8924	0.121633068
hsa-miR-6827-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38.92	5.47	0	0	0	0	0	4.439	8.7941	0.110470524
hsa-miR-3150a-5p	0	0	0	0	0	0	0	0	0	0	5.84	0	0	0	34.59	1.37	0	0	0	0	0	4.18	8.7074	0.097890163
hsa-miR-873-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	30.27	5.47	4.71	0	0	0	0	0	4.045	8.66	0.07821669
hsa-miR-299-3p	0	0	0	0	0	0	0	0	0	0	0	23.35	16.04	0	0	0	0	0	0	0	0	3.939	8.6217	0.24080736
hsa-miR-1343-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	30.27	2.73	3.17	0	0	0	0	0	3.677	8.5924	0.112533068
hsa-miR-196a-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	18.2	0	13.67	4.71	0	0	0	0	3.658	8.5149	0.048135925
hsa-miR-190a-5p	0	0	0	0	0	0	0	0	0	0	0	0	8.02	0	0	1.37	4.71	0	19.6	0	0	3.37	8.3966	0.094915261
hsa-miR-6501-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	30.27	2.73	0	0	0	0	0	0	3.3	8.3663	0.187140639
hsa-miR-944	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.87	0	0	0	3.267	8.3518	0.190079539
hsa-miR-3141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32.2	0	3.267	8.3302	0.151047117
hsa-miR-518c-3p	0	0	0	0	0	0	0	0	0	0	0	23.35	8.02	0	0	0	0	0	0	0	0	3.137	8.2932	0.340202924
hsa-miR-2910	0	0	0	0	0	0	0	0	0	0	29.18	0	0	0	0	0	0	0	0	0	0	2.918	8.1888	0.159661944
hsa-miR-4742-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	25.48	0	2.73	0.94	0	0	0	0	2.915	8.1874	0.090453661
hsa-miR-5481-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.12	0	0	0	0	0	0	2.912	8.1859	0.128633243
hsa-miR-5489a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.12	0	0	0	0	0	0	2.912	8.1859	0.128645
hsa-miR-3074-5p	0	0	0	0	0	0	6.37	0	0	0	0	0	16.04	0	60.54	9.57	2.83	0	13.07	0.037	10.205	8.1075	0.005968723	
hsa-miR-182-3p	0	0	0	0	0	0	0	0	0	0	23.35	0	0	0	0	0	2.83	0	0	0	0	2.618	8.0323	0.337712728
hsa-miR-6809-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.95	0	0	0	0	0	0	2.595	8.0196	0.292426126
hsa-miR-920	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.76	0	2.576	8.009	0.181715258
hsa-miR-3691-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.48	0	0	0	0	0	0	2.548	7.9932	0.15366316
hsa-miR-299-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	24.06	0	0	0	0	0	0	0	2.406	7.9105	0.400529942
hsa-miR-301a-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	24.06	0	0	0	0	0	0	0	2.406	7.9105	0.40068656
hsa-miR-556-5p	0	0	0	0	0	0	0	0	0	0	11.67	0	0	0	0	0	2.73	2.83	0	6.53	0	2.376	7.8924	0.12455036
hsa-miR-8086	0	0	0	0	0	0	0	0	0	0	0	23.35	0	0	0	0	0	0	0	0	0	2.335	7.8673	0.594423486
hsa-miR-3145-5p	0	0	0	0	0	0	0	0	0	0	0	23.35	0	0	0	0	0	0	0	0	0	2.335	7.8673	0.594708696
hsa-miR-4762-3p	0	0	0	0	0	0	0	0	0	0	0	23.35	0	0	0	0	0	0	0	0	0	2.335	7.8673	0.594899594
hsa-miR-190b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.64	0	12.31	2.83	0	3.22	0	2.2	7.7814	0.11748777

[illegible]

[illegible]

hsa-mir-670-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.64	0	0	0	0	0	0	0	0	0	0	0.364	5.1859	1
hsa-mir-4419a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.64	0	0	0	0	0	0	0	0	0	0	0.364	5.1859	1
hsa-mir-5093	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.64	0	0	0	0	0	0	0	0	0	0	0.364	5.1859	1
hsa-mir-1281	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.64	0	0	0	0	0	0	0	0	0	0	0.364	5.1859	1
hsa-mir-443c-5p	0	0	0	0	0	0	0	3.73	0	0	0	0	0	0	3.64	0	20.51	16.96	0	91.48	0	0.373	13.259	5.1517	0.0134247			
hsa-mir-1284	0	0	0	0	0	0	1.12	0	0	0	35.01	0	0	0	0	0	1.37	0.94	0	0	0	0.112	3.732	5.0584	0.087249829			
hsa-mir-7830-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	1.88	0	0	0	0	0.325	5.0224				1
hsa-mir-6715a-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.22	0	0.322	5.009			1
hsa-mir-642b-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.22	0	0.322	5.009			1
hsa-mir-6815-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.22	0	0.322	5.009			1
hsa-mir-2467-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.22	0	0.322	5.009			1
hsa-mir-6090	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.22	0	0.322	5.009			1
hsa-mir-4745-5p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	21.62	0	0	0	0	0.075	2.162	4.8483	0.370602255			
hsa-mir-31-5p	8.99	0	14.87	26.43	0	0	28.73	0	0	7.87	0	186.82	1780.64	14.56	51.89	147.68	23.56	49.19	222.17	0	8.689	247.651	4.833	0.001224334				
hsa-mir-6505-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.83	0	0	0	0	0.283	4.8227					1
hsa-mir-4674	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.83	0	0	0	0	0.283	4.8227					1
hsa-mir-6516-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.83	0	0	0	0	0.283	4.8227					1
hsa-mir-3152-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.83	0	0	0	0	0.283	4.8227					1
hsa-mir-548b-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.83	0	0	0	0	0.283	4.8227					1
hsa-mir-943	0	0	0	0	0	0	1.12	0	0	11.67	0	0	0	0	0	12.31	0.94	0	6.53	0	0.112	3.145	4.8115	0.062149839				
hsa-mir-4487	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.74	0	0	0	0	0.274	4.7761					1
hsa-mir-148b-5p	0	0	0	0	0	0	11.57	0	0	0	0	23.35	8.02	7.28	0	20.51	34.86	196.76	26.14	0	1.187	31.692	4.7757	0.014904953				
hsa-mir-4431	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-548ak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-4778-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-3620-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-1238-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-4772-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-1231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-4652-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-4676-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0	0.273	4.7708					1
hsa-mir-6839-5p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	8.65	1.37	0	0	0	0.037	1.002	4.7592	0.333325313			
hsa-mir-654-3p	0	0	0	0	0	0	2.98	0	0	0	46.7	0	0	0	0	0	2.73	0	0	0	0	0.298	7.944	4.7385	0.11807312			
hsa-mir-6500-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	1.37	1.88	0	0	0.075	1.829	4.608	0.22836175				
hsa-mir-548ab	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	0.94	0	0	0	0.231	4.5298					1
hsa-mir-3679-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	0.94	0	0	0	0.231	4.5298					1
hsa-mir-6514-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	0.94	0	0	0	0.231	4.5298					1
hsa-mir-98b-3p	0	0	0	0	0	0	2.98	0	0	46.68	0	0	0	0	0	0	2.83	0	0	13.07	0	0.298	6.258	4.3927	0.070632774			
hsa-mir-2277-5p	0	0	0	0	0	0	4.1	0	0	0	0	0	0	0	0	0	0	0	0	6.53	74.07	0.41	8.06	4.2971	0.06989838			
hsa-mir-4654	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	1.37	5.65	0	0	0.037	0.702	4.2459	0.541997698				
hsa-mir-377-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-4890-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-4740-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-6810-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-4644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-6890-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-6513-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-6764-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-3150a-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-1277-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-548a1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-487b-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-10b-1-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-188-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-6824-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-6851-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.188	4.2327					1
hsa-mir-6512-5p	0	0	0	0	0	0	9.33	0	0	0	23.35	0	0	112.43	17.78	7.54	0	0	0	0	0.933	16.11	4.1099	0.074580143				
hsa-mir-4473	0	0	0	0	0	0	3.36	0	0	0	50.95	0	0	1.37	1.88	0	0	0	0	0	0.336	5.42	4.0118	0.078859335				
hsa-mir-296-5p	0	0	0	0	0	0	7.46	0	0	23.34	23.35	8.02	0	30.27	9.57	9.42	0	13.07	0	0.746	11.704	3.9717	0.037850699					
hsa-mir-29c-3p	0	0	9.3	6.61	0	0	36.94	0	0	11.81	35.01	490.4	40.1	3.64	4.32	34.18	30.15	0	372.46	3.22	6.496	101.348	3.9703	0.06882923				
hsa-mir-374a-3p	0	0	0	0	0	0	4.1	0	17.61	0	64.19	46.7	16.04	80.07	4.32	5.47	8.48	0	91.48	0	2.171	31.675	3.8669	0.00263727				

hsa-mir-15a-5p	0	0	11.15	0	0	0	1.12	0	0	0	5.84	23.35	40.1	0	0	9.57	0	0	19.6	0	1.227	9.846	3.0044	0.22409273	
hsa-mir-30b-5p	26.98	191.8	42.76	286.1	102.78	0	3975.31	134.16	0	17.61	267.61	208.42	16997.02	898.34	83.71	575.14	330.9	328.83	442.72	19211.17	260.86	504.31	3909.71	2.9547	0.057867393
hsa-mir-30bS-5p	0	0	0	6.61	0	0	0	0	0	0	0	17.51	0	0	0	0	0	0	0	0	0	0.661	4.306	2.266	0.06776358
hsa-mir-4435	0	0	0	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.19	0	0.661	4.919	2.8556	0.742782176
hsa-let-7f-2-3p	0	0	1.86	14.21	0	0	5.97	0	0	0	0	93.41	16.04	7.28	0	4.1	0.94	0	0	32.67	0	2.104	15.444	2.8758	0.148430417
hsa-mir-99a-3p	0	0	0	0	0	0	4.85	0	0	0	0	0	8.02	0	0	10.94	2.83	0	13.07	0	0	4.85	3.486	2.8455	0.43958568
hsa-mir-2179	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	6.84	3.77	0	0	0	0	1.149	1.061	2.832	0.673286537
hsa-mir-141-5p	0	0	0	0	0	0	8.95	17.61	0	0	17.51	140.11	0	3.64	0	2.656	13.67	7.54	0	0	0	2.656	18.4	2.8311	0.142134841
hsa-mir-181c-5p	0	0	0	0	0	0	5.22	0	0	23.34	0	0	0	0	0	13.67	0	0	0	0	0	0.522	3.701	2.8258	0.356367866
hsa-mir-7-1-3p	0	0	0	0	0	0	8.21	0	0	0	5.84	23.35	8.02	0	0	0	0.94	0	19.6	0	0	0.821	6.775	2.8144	0.44401414
hsa-mir-550a-3-5p	0	0	5.58	33.03	0	0	14.55	0	0	11.68	0	0	0	17.29	34.18	11.31	295.14	0	0	0	0	5.58	36.36	2.7976	0.204819506
hsa-mir-130b-5p	0	23.97	0	6.61	0	7.17	67.16	0	1.97	0	116.76	248.65	10.92	4.32	5.47	7.54	0	0	346.32	0	10.688	73.998	2.7915	0.11167136	
hsa-mir-920b-5p	0	0	0	0	0	0	0.75	44.73	0	0	5.84	0	0	0	0	1.88	295.14	0	0	0	4.547	30.559	2.7486	0.18838138	
hsa-mir-374-5p	0	71.92	5.58	33.04	0	0	49.99	0	0	23.34	256.88	16.04	40.04	0	12.31	55.99	0	627.3	0	16.053	103.15	2.6838	0.049621048		
hsa-mir-142-3p	0	23.97	7.44	14.21	0	3.58	2.24	89.44	17.61	0	11.67	46.7	874.28	3.64	4.32	0	1.88	49.19	19.6	0	15.749	101.128	2.6829	0.060931402	
hsa-mir-29b-3p	0	143.84	37.18	79.28	0	0	129.84	0	35.22	102.32	35.02	2008.32	64.16	138.3	8.64	27.34	73.5	0	1019.36	6.44	52.768	338.108	2.6797	0.056994449	
hsa-mir-133b-5p	35.98	23.97	1.86	6.61	0	0	216.02	0	11.81	0	233.52	894.18	47.32	17.3	67	28.27	49.19	581.56	6.44	29.625	186.478	2.6541	0.100417865		
hsa-mir-135b-3p	242.85	47.95	5.58	105.71	0	3.58	13.43	119.26	35.21	706.41	29.18	0	0	0	0	142.7	162.72	6.53	180.0	127.998	803.31	2.6488	0.072713371		
hsa-mir-202-3p	0	0	1.86	0	0	0	0	0	0	0	0	8.02	3.64	0	0	0	0	0	0	0	0	1.186	1.166	2.6482	1
hsa-mir-145a-3p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	1.37	5.65	0	0	0	0	0.112	0.702	2.648	0.538246756
hsa-mir-1304-5p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	4.1	2.83	0	0	0	0	0.112	0.693	2.6294	0.522868412
hsa-mir-767-5p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	3.64	0	0	3.22	0.112	0.686	0.6147	0.525359269		
hsa-mir-3918	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.84	0	0	0	0.112	0.694	2.6105	0.54540716	
hsa-mir-6858-5p	0	0	0	0	0	0	4.48	0	0	0	0	0	0	0	25.95	1.37	0	0	0	0	0.448	2.732	2.6084	0.790242027	
hsa-mir-5708	0	23.97	0	0	0	0	0	0	0	0	5.84	0	0	0	32.76	4.32	0	4.71	98.38	0	2.397	14.601	2.6068	0.092633755	
hsa-mir-21-3p	0	13.01	6.61	0	0	0	2.98	0	0	0	0	0	18.2	30.27	27.35	9.42	0	52.28	0	2.26	13.752	2.6052	0.127095869		
hsa-mir-412-5p	0	0	5.58	6.61	25.7	0	2.61	0	0	0	23.35	16.04	0	64.87	6.84	2.83	0	132.04	0	4.35	24.597	2.6025	0.031587786		
hsa-mir-329-3p	0	0	1.86	0	0	0	0	0	0	0	8.02	0	0	0	0	1.37	1.88	0	0	0	0.186	1.127	2.5991	1	1
hsa-mir-5189-5p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	0	6.53	0	0.112	0.653	2.5436	1	1
hsa-mir-23a-5p	0	0	0	14.21	0	0	5.97	0	0	47.23	0	0	0	0	3.64	177.3	30.08	6.6	0	154.88	6.641	37.22	2.4866	0.108208622	
hsa-mir-149-3p	17.99	0	0	6.61	0	0	0.37	0	0	0	5.84	0	56.15	0	47.57	1.37	3.77	0	22.54	2.497	13.724	2.4584	0.119364676		
hsa-mir-4448	8.99	23.97	0	19.82	0	0	105.63	29.52	5.84	0	48.13	3.64	255.14	0	3.77	787.05	0	20.284	110.357	2.4438	0.150006794				
hsa-mir-174b-5p	0	47.95	33.46	26.43	51.39	3.58	132.08	0	0	29.18	280.23	221.59	14.56	4.32	13.67	51.82	98.38	862.54	9.46	29.488	158.895	2.4288	0.064110102		
hsa-mir-501-5p	0	0	44.62	26.43	0	0	95.14	0	17.61	35.42	0	46.7	208.54	4.04	544.87	136.74	61.24	49.19	65.34	21.922	115.266	2.3945	0.136062676		
hsa-mir-135a-5p	0	95.9	59.5	39.64	51.4	0	91.78	105.64	27.54	58.36	793.98	352.92	65.52	105.78	58.79	320.34	98.38	614.24	6.44	47.14	247.275	2.3911	0.020789999		
hsa-mir-5010-3p	8.99	0	0	0	0	0	8.21	0	0	15.74	17.51	0	0	0	82.16	30.08	13.19	0	6.53	22.54	3.284	17.201	2.3846	0.098224224	
hsa-mir-365b-3p	17.98	0	0	102.78	0	82.08	0	0	70.02	513.76	16.04	7.28	0	84.78	43.34	0	300.38	0	20.284	103.58	2.3523	0.108269883			
hsa-mir-365a-3p	17.98	0	0	102.78	0	82.08	0	0	70.02	513.76	16.04	7.28	0	84.78	43.34	0	300.38	0	20.284	103.58	2.3523	0.108269883			
hsa-mir-20a-5p	8.99	95.9	100.39	79.28	38.54	7.17	312.65	14.91	35.21	1.97	46.68	817.34	962.51	156.5	25.95	87.51	48.99	147.57	1248.07	3.22	69.501	354.434	2.3504	0.070385494	
hsa-mir-512-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.037	0.188	2.3451	1	1
hsa-mir-510-5p	0	0	1.86	0	0	0	0	0	0	0	0	8.02	0	0	0	1.37	0	0	0	0	0.136	0.939	2.3358	1	1
hsa-mir-2115-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	3.77	0	0	0	0.075	0.377	2.2996	1	1
hsa-mir-4507	0	0	0	0	0	0	29.81	0	0	0	0	0	0	0	0	94.8	147.57	0	0	2.981	14.853	3.165	0.48249337	1	1
hsa-mir-223-3p	0	23.97	5.58	39.64	25.7	0	289.89	0	35.21	0	11.67	467.05	80.21	3.64	38.92	1320.88	16.02	49.19	98.02	0	41.999	208.56	2.312	0.167456103	
hsa-mir-16-5p	35.98	95.9	185.9	264.28	77.08	0	200.73	29.82	105.64	7.88	81.7	934.1	1411.68	313	8.64	129.54	88.56	590.28	1333.02	35.42	100.321	492.494	2.2955	0.046261317	
hsa-mir-511-5p	0	0	9.3	0	0	0	0	0	0	0	0	0	0	0	34.59	6.84	3.77	0	0	0	0.93	4.52	2.281	0.573873478	
hsa-mir-612a-3p	0	0	1.86	0	0	0	9.33	74.54	0	58.35	0	0	32.76	0	4.1	6.6	49.19	6.53	257.84	8.573	41.517	2.2728	0.099214723		
hsa-mir-421	8.99	0	3.72	26.43	0	0	20.32	0	11.67	0	8.02	3.64	29.18	0	3.64	3.77	32.67	3.22	3.966	28.895	0.2743	0.15408665	2.2675	0.30451882	
hsa-mir-93-5p	8.99	0	0	0	0	0	25.74	0	0	5.84	23.35	24.06	3.64	64.87	27.35	7.54	0	6.53	0	3.473	16.318	2.2322	0.25038146		
hsa-mir-6877-5p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	1.37	3.77	0	0	0	0	0.112	0.514	2.1883	0.522146839
hsa-mir-934	0	29.75	39.64	0	0	107.08	0	141.68	58.35	186.82	0	40.04	562.16	191.43	125.31	0	248.31	22.54	31.815	143.496	2.1732	0.142032072			
hsa-mir-320b-3p	0	0	0	0	0	0	3.73	0	0	0	0	0	0	8.2	1.88	0	6.53	0	0	0.373	1.661	2.1548	0.683964188		
hsa-mir-4781-3p	0	0	0	0	0	0	1.87	0	0	0	0	0	0	0	0	0	1.87	0	0	0	0	0.825	2.1414	1	1
hsa-mir-205-5p	17.99	1126.8	187.77	218.03	0	0	228.71	119.26	387.32	277.45	484.32	1564.62	465.21	2140.1	2170.82	3098.47	585.11	541.1	84.95	161.02	256.333	1129.572	2.1397	0.01621889	
hsa-mir-210-3p	0	143.85	18.59	33.04	0	3.58	35.44	0	17.61	62.97	17.51	23.35	240.63	14.56	683.25	17.29	69.72	0	58.81	96.61	31.508	137.673	2.1273	0.04187595	
hsa-mir-1274a-3p	8.99	1102.83	5.58	19.82	0	21.5	4.1	7975.31	1408.45	305	35.01	23.35	344.9	334.84	203.24	42.52	37.69	45501.5	13.07	595.79	1085.158	4713.451	2		

hsa-mir-345-5p	161.4	0	31.6	39.64	12.85	0	162.67	0	35.21	110.19	23.34	46.7	312.82	61.87	471.35	861.45	197.86	0	169.89	109.5	55.406	225.478	2.0249	0.075623145		
hsa-mir-139-5p	0	23.97	14.87	19.82	488.22	7.17	21.27	134.16	0	35.21	42.32	17.51	0	3996.07	3.64	4.32	5.47	0	49.19	6.53	16.1	78.601	319.883	2.0249	0.126781145	
hsa-mir-6080-3p	0	0	0	0	0	0	0	0	0	11.81	0	0	0	0	0	0	0	0	0	0	0	1.181	4.757	0	0.6325384	
hsa-mir-139a-3p	8.99	0	7.44	13.21	0	0	149.98	14.91	0	72.81	23.34	93.41	0	0	415.14	240.66	19.79	49.19	228.7	0	0	26.734	107.025	2.0249	0.332935952	
hsa-mir-3064-5p	0	0	0	0	0	0	2.24	0	0	0	0	0	0	0	0	1.37	7.54	0	0	0	0	0.224	0.891	1.9919	1	
hsa-mir-1261	0	0	9.3	0	0	0	2.61	0	0	13.77	0	0	0	0	0	0	2.83	98.38	0	0	2.588	10.121	1.9786	1		
hsa-mir-6777-5p	0	0	3.72	0	0	0	0	0	0	11.67	0	0	0	0	0	2.73	0	0	0	0	0	0.372	1.44	1.9527	0.707392563	
hsa-mir-655-3p	0	0	0	0	0	107.82	0	0	43.29	17.51	140.11	152.4	10.92	4.32	27.35	34.86	98.38	91.48	3.22	15.111	59.053	1.9418	0.362924663	1		
hsa-mir-32-5p	0	95.9	14.87	13.21	0	0	18.65	0	35.21	17.51	0	186.82	312.82	32.76	0	17.78	22.61	0	65.34	99.83	19.555	73.796	1.916	0.106328051		
hsa-mir-290-1-5p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	2.83	0	0	0	0.075	0.283	1.9158	1		
hsa-mir-378a	35.98	0	9.3	33.04	51.39	21.5	5.97	0	0	15.74	0	23.35	200.52	0	250.81	109.39	48.05	0	6.53	12.88	17.292	65.153	1.9137	0.160191019		
hsa-mir-708-5p	17.99	23.97	3.72	0	0	0	0	0	0	0	70.06	80.21	3.64	0	0	2.73	5.65	0	6.53	3.22	4.588	17.204	1.9131	0.200929004		
hsa-mir-592-3p	0	0	26.02	19.82	0	0	44.3	105.63	64.93	11.67	233.32	52.4	0	17.32	51.89	185.96	81.03	0	78.41	286.82	26.081	97.642	1.9045	0.112523989		
hsa-mir-191-3p	0	0	7.44	6.61	0	0	2.61	0	0	0	0	0	0	0	51.89	2.73	7.54	0	0	0	1.666	6.216	1.8996	0.564222664		
hsa-mir-193a-3p	0	0	0	0	12.85	0	0	0	0	0	0	46.7	0	0	0	0	0.94	0	0	0	1.285	4.764	1.8904	0.522784337		
hsa-mir-642b-5p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	1.37	0	0	0	0	0.037	0.137	1.8886	1		
hsa-mir-6810-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	1.37	0	0	0	0	0.037	0.137	1.8886	1		
hsa-mir-3013-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0.075	0.277	1.8639	1		
hsa-mir-185-3p	0	0	1.86	6.61	12.85	0	6.34	0	37.39	11.67	0	0	0	0	77.84	64.27	23.56	49.19	6.53	3.22	6.505	23.628	1.8609	0.149690003		
hsa-mir-378a-5p	0	0	20.45	59.46	12.85	0	16.04	0	0	11.67	46.7	8.02	0	0	164.33	108.02	32.03	0	13.07	9.66	10.88	39.35	1.8547	0.215017247		
hsa-mir-6794-5p	17.99	0	3.72	0	0	0	0.37	14.91	0	0	5.84	23.35	8.02	3.64	8.65	0	6.6	0	0	77.29	3.699	13.339	1.8504	0.126185148		
hsa-mir-450b-2-3p	0	0	1.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.53	0	1.186	6.653	1.8118	0.679172348		
hsa-mir-140-5p	0	23.97	31.6	6.61	0	0	42.91	0	0	31.48	29.18	93.41	160.42	3.64	0	35.55	46.17	0	111.08	0	13.657	47.945	1.8117	0.279198602		
hsa-mir-136-5p	0	0	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	1.744	2.594	1.8018	1		
hsa-mir-513c-5p	0	0	0	0	0	0	21.48	4.85	0	0	0	0	0	0	0	82.16	0	0	0	6.53	0	2.633	8.869	1.7521	1	
hsa-mir-518a-5p	0	0	0	0	0	0	21.48	4.85	0	0	0	0	0	0	0	82.16	0	0	0	6.53	0	2.633	8.869	1.7521	1	
hsa-mir-519b-5p	0	0	0	0	0	0	21.48	4.85	0	0	0	0	0	0	0	82.16	0	0	0	6.53	0	2.633	8.869	1.7521	1	
hsa-mir-519a-5p	0	0	0	0	0	0	21.48	4.85	0	0	0	0	0	0	0	82.16	0	0	0	6.53	0	2.633	8.869	1.7521	1	
hsa-mir-523-3p	0	0	0	0	0	0	21.48	4.85	0	0	0	0	0	0	0	82.16	0	0	0	6.53	0	2.633	8.869	1.7521	1	
hsa-mir-522-5p	0	0	0	0	0	0	21.48	4.85	0	0	0	0	0	0	0	82.16	0	0	0	6.53	0	2.633	8.869	1.7521	1	
hsa-mir-1293	0	0	5.58	0	0	0	0	89.44	0	0	0	0	0	0	0	40.04	0	8.2	0	245.95	0	22.54	9.502	31.673	1.737	0.302849796
hsa-mir-548a-5p	0	0	0	0	0	0	12.3	0	0	0	0	0	0	0	0	0	0.94	0	0	0	29.2	0	1.423	4.014	1.7064	0.679172348
hsa-mir-106-3p	143.92	0	52.06	92.5	25.4	0	24.62	70.42	0	0	0	0	233.52	128.34	65.52	138.38	235.18	96.1	98.38	339.78	40.922	133.52	1.7061	0.154587566		
hsa-mir-203a-3p	854.48	647.31	1727.07	336.96	12.85	0	1387.91	551.56	1285.21	488	822.77	12190	465.21	1204.71	177.3	974.94	989.31	2016.82	3267.21	1417.01	729.155	2352.528	1.69	0.215662808		
hsa-mir-3614-3p	0	0	0	0	0	0	25.7	0	0	0	0	0	0	0	0	0	1.88	0	0	0	80.51	2.57	8.239	1.6807	0.217455981	
hsa-mir-429	368.77	191.8	373.25	548.39	0	0	390.63	0	1021.13	218.42	676.89	4993.85	16.04	636.93	147.03	596.17	993.08	49.19	1744.69	428.32	311.839	998.214	1.6786	0.335256583		
hsa-mir-510-3p	0	0	18.59	0	0	0	0	0	0	0	0	0	23.35	32.08	3.64	0	0	0	0	0	1.859	5.907	1.6679	0.797123498		
hsa-mir-3755-3p	251.82	551.41	46.25	80.9	0	7.49	968.96	158.45	86.58	11.67	489.78	302.09	64.87	16.41	0.94	5263.42	0	441.2	207.654	658.988	0	0	0	0.227022949		
hsa-mir-3781	0	0	1.86	0	0	0	0.37	0	0	0	0	0	0	0	0	4.32	2.73	0	0	0	0	2.223	0.705	1.6606	1	
hsa-mir-7706	0	0	31.6	46.25	0	114.69	24.62	104.35	88.03	78.71	5.84	0	96.25	7.28	709.19	585.5	45.94	0	6.53	74.07	48.825	153.16	1.6493	0.390789575		
hsa-mir-24-2-5p	17.99	23.97	26.03	6.61	12.85	0	40.67	149.07	17.61	1.97	23.34	46.7	376.98	4.04	51.89	108.02	42.4	147.57	13.07	80.51	29.677	93.052	1.6487	0.074812801		
hsa-mir-582-5p	0	0	0	6.61	0	0	11.19	0	0	0	0	16.04	0	0	0	0	0	0	0	0	1.78	5.325	1.6341	0.685340035		
hsa-mir-624-5p	0	0	3.72	13.21	2.61	0	17.61	13.77	17.51	46.7	64.17	3.64	0	1.88	0	0	0	0	0	0	13.07	6.41	1.869	0.276468853		
hsa-mir-17-5p	8.99	23.97	52.05	39.64	12.85	0	359.66	44.72	70.42	57.06	52.52	210.17	721.88	101.91	51.89	86.14	66.9	147.57	588.1	3.22	66.936	203.03	1.6008	0.273622231		
hsa-mir-23c	0	0	0	0	0	0	1.87	0	0	1.97	0	0	0	0	0	0	1.88	0	6.53	3.22	0.384	1.163	1.5987	1		
hsa-mir-4286	0	0	0	6.61	0	0	16.04	0	0	0	0	8.02	3.64	12.97	21.88	15.08	0	6.53	0	2.265	6.812	1.5886	0.521241176			
hsa-mir-6772-5p	0	0	1.86	0	12.85	0	0	0	0	5.9	0	0	0	0	0	0	0	0	61.19	2.061	6.119	1.57	0.605975751			
hsa-mir-531-5p	0	0	14.87	0	0	0	22.86	0	0	9.84	17.51	0	0	0	56.22	57.43	8.48	0	0	0	4.71	13.854	1.437	0.570384607		
hsa-mir-3199	152.91	0	0	0	0	0	0	0	0	0	0	0	200.52	0	0	0	245.95	0	0	0	15.291	44.647	1.5459	0.260462808		
hsa-mir-21-5p	4893.01	8774.66	11626.61	6384.76	6603.8	541.18	8476.68	21138.31	9295.77	4950.8	10421.71	38718.42	96259.54	10427.51	4752.45	12961.33	14693.88	5652.09	39964.45	4128.64	8108.558	23827.93	1.5445	0.06015222		
hsa-mir-3130-3p	0	47.95	1.86	13.21	0	0	313.05	35.21	31.48	0	0	0	0	0	21.84	0	24.61	0	0	0	257.64	44.276	128.791	1.5404	0.33079385	
hsa-mir-34c-3p	0	0	0	0	0	0	2.24	0	0	0	0	0	0	0	0	2.73	3.77	0	0	0	0.224	0.85	1.5369	1		
hsa-mir-4723-5p	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0.432	1.5357	1		
hsa-mir-181d-5p	0	23.97	42.76	6.61	38.54	0	34.32	0	45.26	35.01	93.41	88.23	40.04	12.97	20.11	38.63	0	32.67	6.44	19.146	55.251	1.529	0.183999079			
hsa-mir-1296-5p	0	0	0	0	0	0	0	51.49	0	0	0	0	0	0	0	90.25	18.84	0	0	39.21	0	6.149	14.83	1.5262	0.995700759	
hsa-mir-151a-5p	0	95.9	11.15	33.04	23.7	0	104.84	14.91	0	27.55	17.51	280.23	56.15	58.23	60.54	82.04	71.61	147.57	124.15	0	53.199	89.803	1.5202	0.197127719		
hsa-mir-221-3p																										

hsa-miR-330-5p	0	0	3.72	0	51.39	0	6.72	0	0	9.84	0	0	0	40.1	0	0	36.92	4.71	0	6.53	106.28	7.167	19.454	1.4406	0.162169733		
hsa-miR-3172-5p	0	0	0	0	0	0	7.46	0	0	0	0	0	0	0	0	0	16.41	3.77	0	0	0	0.746	2.018	1.4357	1		
hsa-miR-1294	0	0	0	0	0	3.58	0	0	0	0	0	0	0	0	0	0	0.38	8.83	0	0	0	0.358	0.367	1.4367	1		
hsa-miR-23a-3p	71.96	47.95	85.52	79.28	629.54	7.17	1376.71	119.28	123.24	299.09	87.53	1284.39	818.13	123.75	454.06	816.32	439.07	639.48	2849	48.31	283.972	756.004	1.4126	0.228370159			
hsa-miR-548a-5p	0	0	0	0	0	0	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	32.67	1.23	3.267	1.4093	0.876126342		
hsa-miR-548c-5p	0	0	0	0	0	0	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	32.67	0	1.23	3.267	1.4093		
hsa-miR-548a-5p	0	0	0	0	0	0	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	32.67	0	1.23	3.267	1.4093		
hsa-miR-340-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
hsa-miR-642a-5p	215.77	200.78	46.25	12.85	0	23.88	0	88.03	120.03	46.68	443.7	673.76	207.46	4.32	76.37	58.42	0	0	0	0	338.79	25.76	70.759	187.646	1.407	0.332862634	
hsa-miR-3117-3p	0	0	0	0	0	0	2.98	0	0	0	0	0	0	0	0	1.37	0	0	0	0	6.53	0	0.298	0.79	1.4065	1	
hsa-miR-3117-3p	0	0	0	0	0	0	2.98	0	0	0	0	0	0	0	0	1.37	0	0	0	0	6.53	0	0.298	0.79	1.4065	1	
hsa-miR-34c-5p	0	0	9.3	0	154.17	3.58	2.24	0	0	0	11.67	46.7	248.65	40.04	8.65	20.51	6.6	65.34	0	0	16.928	44.816	1.4045	0.14735574			
hsa-miR-1872	161.9	71.92	3.72	0	0	0	1.12	387.59	35.21	37.39	11.67	0	0	0	0	0	1023.3	0	157.8	69.885	184.715	1.4022	0.403109961				
hsa-miR-92-3p	0	0	16.73	6.61	0	0	4.3	0	0	0	0	48.13	0	0	0	0	19.6	0	0	0	2.744	0	0	0	0	0	
hsa-miR-652-3p	0	0	14.87	39.64	192.72	3.58	123.12	29.81	52.82	84.61	17.51	163.47	328.86	3.64	112.43	544.21	45.23	0	98.02	106.28	54.117	141.965	1.3914	0.179087121			
hsa-miR-181a-3p	0	0	1.86	0	51.39	0	26.12	0	17.61	15.74	0	23.35	48.13	3.64	38.92	35.25	26.38	98.38	19.6	0	11.272	29.395	1.3828	0.301517059			
hsa-miR-3177-3p	0	0	0	0	0	0	4.48	0	0	0	0	0	0	0	0	4.1	7.54	0	0	0	44.48	1.164	1.3775	1			
hsa-miR-362-5p	0	0	0	59.46	179.87	0	110.44	0	0	88.55	64.19	70.06	16.04	32.76	272.43	184.6	124.37	0	163.36	206.11	43.882	113.392	1.3713	0.184632929			
hsa-miR-149-5p	8.99	191.6	66.92	99.11	629.54	0	267.13	0	105.63	617.87	414.34	116.76	665.74	291.17	1037.84	1428.91	552.13	49.19	71.88	495.85	198.7	512.387	1.3666	0.11373109			
hsa-miR-2355-3p	0	0	6.61	0	0	0	6.37	0	0	0	0	0	0	0	0	5.57	1.88	0	0	0	6.53	0	0.778	1.798	1.3651	0.477586287	
hsa-miR-199a-3p	143.92	719.24	195.2	66.08	462.52	28.68	58.2	1729.22	35.22	15.74	116.7	513.76	7058.4	363.96	207.56	254.34	50.88	196.76	104.56	25.76	345.402	889.268	1.3643	0.195927186			
hsa-miR-199b-3p	143.92	719.24	195.2	66.08	462.52	28.68	58.2	1729.22	35.22	15.74	116.7	513.76	7058.4	363.96	207.56	254.34	50.88	196.76	104.56	25.76	345.402	889.268	1.3643	0.195926308			
hsa-miR-616-3p	0	0	3.72	0	0	0	0	0	0	0	0	0	0	0	0	0	9.57	0	0	0	0.372	0	0.957	1.3632	1		
hsa-miR-4647	0	0	3.72	13.21	0	0	0	0	0	0	43.29	88.23	0	0	0	77.84	0	1.88	0	0	6.52	16.795	1.3514	0.663536494			
hsa-miR-431-5p	0	0	5.58	0	0	0	0	0	0	1.97	0	16.04	0	0	0	0	0	0	0	3.22	0.755	1.926	1.3511	1			
hsa-miR-188-5p	0	0	3.72	0	0	0	4.48	0	17.61	0	0	23.35	0	0	0	6.84	9.42	0	26.14	0	2.581	6.575	1.3491	0.455146188			
hsa-miR-151b	0	119.87	18.59	59.47	38.55	0	116.41	14.91	0	27.55	17.51	326.93	64.17	61.87	60.54	92.98	81.03	147.57	143.75	0	39.535	99.635	1.3335	0.271303419			
hsa-miR-6804-5p	0	0	0	0	0	0	0.73	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0.188	1.3258	1				
hsa-miR-629-3p	0	0	0	0	0	0	2.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0.298	0.744	1.32	1			
hsa-miR-30c-1-3p	0	0	0	13.21	0	0	12.69	0	0	25.58	29.18	23.35	0	14.56	0	32.82	21.67	0	6.53	0	5.148	12.811	1.3153	0.33682233			
hsa-let-7f-17-5p	4461.27	18700.	28202.06	10551.49	14997.95	1942.51	12944.86	4457.23	10000	6694.21	27291.35	89930.41	42911.92	17371.9	5746.21	1227.9	9673.61	9690.59	70904.88	7081.81	11255.17	27993.36	1.3114	0.221050104			
hsa-miR-422a	17.99	0	1.86	19.82	51.39	14.34	3.73	14.91	0	21.64	0	46.7	32.08	3.64	129.73	68.37	25.44	0	13.07	41.87	14.568	36.09	1.3088	0.216382771			
hsa-miR-362	0	0	0	0	12.85	0	6.37	0	0	23.35	8.02	0	0	0	0	1.37	0	0	0	0	3.322	9.374	1.3083	0.689164549			
hsa-miR-29c-5p	0	47.95	22.31	19.82	0	130.77	158.94	163.98	0	29.52	0	210.17	8.02	72.79	575.14	341.84	56.53	163.36	0	58.229	142.785	1.294	0.66329353				
hsa-miR-1292-5p	0	0	0	0	0	0	5.97	0	17.61	7.87	0	0	0	0	0	30.27	41.02	5.65	0	0	3.145	7.694	1.2907	0.428223427			
hsa-miR-186-5p	143.91	143.85	148.73	621.06	1130.61	0	302.21	149.07	316.9	466.35	274.26	1354.44	0	1227.2	134.67	1249.74	1361.9	346.73	98.38	2006.06	312.39	342.299	836.57	1.2894	0.103641898		
hsa-miR-6724-5p	0	0	0	0	0	0	2.24	59.63	0	0	0	112.29	0	17.3	8.2	13.19	0	0	0	6.187	15.098	1.287	0.446774386				
hsa-miR-210a-3p	0	0	0	0	0	0	0	14.91	0	11.81	0	0	0	0	0	4.32	3.77	40.19	0	6.44	0	1372.8	76.39	1.2845	0.850572993		
hsa-miR-1273a	2455.5	2805.02	18.59	244.46	0	60.93	12.31	27876.33	1338.03	1058.64	186.73	93.41	2504.02	3569.27	3667.9	990.27	0	0.94	54208.27	0	8418.3	3358.98	98683.618	1.2755	0.383931134		
hsa-miR-4716-3p	0	0	0	0	0	0	0	59.63	0	0	11.67	0	0	0	26.12	0	2.73	0	98.38	0	6.963	14.19	1.2508	0.41246638			
hsa-miR-379-5p	17.99	95.8	13.01	6.61	89.93	0	1.12	0	0	9.84	0	0	328.86	160.14	4.32	2.73	4.71	49.19	0	6.44	23.943	1.2471	0.20364953				
hsa-miR-548b-5p	0	0	0	13.21	0	0	1.12	0	0	5.84	0	0	0	0	0	0	0	8.48	0	19.6	0	1.544	3.392	1.2421	0.549014988		
hsa-miR-27b-5p	0	23.97	42.76	6.61	25.7	0	13.83	0	17.61	51.16	0	46.28	37.07	38.92	80.08	0	0	13.07	96.61	18.161	42.759	1.2317	0.23414882				
hsa-miR-200a-3p	2122.7	2229.63	2150.94	3501.75	2184.14	485.83	4039.11	775.17	4719.01	2186.14	3156.86	10953.9	761.99	3959.91	1357.84	5219.27	6289.21	2508.73	13147.23	3091.65	2409.24	5644.659	1.2283	0.13243829			
hsa-miR-29a-3p	116.93	503.46	273.28	403.63	1451.81	17.92	1175.62	342.86	651.41	537.19	250.91	3396.28	2903.57	363.96	423.79	858.71	727.38	836.24	2803.26	48.31	547.351	1281.241	1.227	0.19318572			
hsa-miR-548d-5p	0	0	6.61	0	0	0	1.12	0	0	5.84	0	0	0	0	0	0	5.65	0	6.53	0	0.773	1.802	1.2217	0.148810531			
hsa-miR-24-1-5p	0	71.92	16.73	6.61	0	0	15.67	0	0	13.77	5.84	0	32.08	0	8.63	34.18	42.4	147.57	13.07	6.44	12.47	29.952	0.187	0.429480206			
hsa-miR-214-5p	0	0	0	0	25.7	0	6.37	0	0	0	48.13	3.64	0	0	0	0	0	0	0	0	2.607	0.967	1.2019	0.480712946			
hsa-miR-505-3p	0	0	0	13.21	0	0	69.4	0	52.82	114.13	0	70.06	8.02	3.64	207.57	131.27	61.24	19.19	39.21	3.22	24.46	57.342	1.2002	0.519166029			
hsa-miR-616-5p	0	0	0	6.61	0	0	3.73	0	0	0	23.35	0	0	0	0	0	0	0	0	0	1.034	2.335	1.1752	1			
hsa-miR-3665	0	0	0	0	0	0	0	29.81	0	1.97	0	0	0	0	0	0	0	0	49.19	0	22.54	3.178	7.173	1.1745	0.58295317		
hsa-miR-425-5p	0	287.69	104.11	204.82	36.54	3.58	515.24	134.16	52.82	539.16	250.91	350.29	383.03	229.3	787.03	1063.82	522.92	0	254.84	370.35	188.012	422.249	1.1673	0.277955448			
hsa-miR-126-5p	17.99	0	1.86	39.46	102.79	0	8.21	119.28	0	3.94	0	0	481.26	7.28	8.63	5.4	2.83	196.76	0	0	21.35	70.225	1.1635	0.47729758			

hsa-mir-425-3p	0	47.95	16.73	46.25	0	0	105.21	0	17.61	106.26	5.84	23.35	8.02	0	307.03	220.15	35.8	0	111.08	0	34.001	71.127	1.0648	0.585597249	
hsa-mir-3182	0	71.92	0	19.82	77.09	0	23.13	149.07	158.45	188.9	0	0	32.08	36.4	471.33	42.2	16.96	787.05	6.53	61.19	68.838	141.976	1.0444	0.508371896	
hsa-mir-106a-3p	0	0	16.73	19.82	0	0	117.8	0	32.82	0	35.01	116.76	0	0	56.15	0	3.64	47.57	137.72	3.22	20.727	42.32	0.036	0.63616744	
hsa-mir-195-3p	0	0	7.44	6.61	12.85	3.58	11.19	0	0	0	0	0	0	0	6.84	21.67	0	0	0	0	4.167	8.406	1.0227	0.910713421	
hsa-mir-1266-5p	0	0	0	0	0	0	4.4	0	0	0	0	0	0	0	5.47	2.83	0	0	0	0	0.41	0.83	1.0173	1	
hsa-mir-363-5p	0	0	14.87	0	0	0	4.48	29.81	0	13.77	29.18	0	0	0	56.22	8.2	27.32	0	0	6.44	6.293	12.736	1.0171	0.465623033	
hsa-mir-144-5p	0	0	0	13.21	25.7	0	0	14.91	0	0	0	0	0	104.27	3.64	0	0	0	0	0	5.382	10.791	1.0038	0.649783858	
hsa-mir-548a4-5p	0	0	0	26.44	0	0	2.24	0	0	5.84	0	0	0	0	0	0	12.24	0	39.2	0	2.808	5.728	0.998	0.571105882	
hsa-mir-548aa-5p	0	0	0	26.44	0	0	2.24	0	0	5.84	0	0	0	0	0	0	12.24	0	39.2	0	2.808	5.728	0.998	0.57126306	
hsa-mir-551b-3p	0	0	0	0	0	0	3.73	0	0	0	0	0	0	0	0	0	2.73	4.71	0	0	0.373	0.744	0.9961	1	
hsa-mir-103a-3p	575.64	1534.36	286.3	548.39	719.48	28.68	986.06	268.32	666.02	462.42	408.46	1541.26	2534.62	786.16	268.1	1956.71	928.07	983.82	2502.68	199.66	607.87	1210.954	0.9943	0.169003611	
hsa-mir-873-3p	0	0	0	0	12.85	0	0	0	0	17.51	0	0	8.02	0	0	0	0	0	0	0	1.285	2.353	0.9904	0.40549956	
hsa-mir-340-3p	0	0	14.87	13.21	12.85	0	26.49	74.54	35.21	47.57	46.68	0	0	0	5.47	17.9	0	0	106.28	17.914	35.279	0.9777	0.43686147		
hsa-mir-1225-5p	0	0	0	6.61	0	0	1.49	0	0	25.58	23.34	0	0	0	30.27	1.37	11.31	0	0	0	3.368	6.629	0.9769	0.642281962	
hsa-mir-7856-5p	0	23.97	0	0	0	0	0	238.51	17.61	0	5.84	0	0	0	47.32	8.65	2.73	0	295.14	0	190.01	28.009	54.969	0.9727	0.439451399
hsa-mir-20h-5p	0	0	31.6	6.61	0	0	182.07	0	35.21	35.42	23.34	186.82	0	0	51.89	36.92	87.62	0	176.43	6.44	29.091	56.946	0.969	0.820514158	
hsa-mir-1185-1-3p	0	0	0	1.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.186	0.364	0.9686	0	
hsa-mir-769-5p	0	143.85	14.87	125.53	475.37	0	88.42	342.86	123.24	206.61	0	163.47	64.17	28	2008.5	423.89	185.61	0	91.48	9.46	157.073	295.206	0.9569	0.3834698	
hsa-mir-152-3p	98.94	215.77	544.71	297.32	64.24	268.8	433.91	477.03	352.11	474.22	245.08	934.1	2310.02	18.29	246.49	839.57	573.8	147.57	581.56	180.35	322.705	625.872	0.9557	0.618354512	
hsa-mir-449a	0	0	0	0	12.85	0	0	0	0	0	0	0	8.02	3.64	0	0	0	0	13.07	0	1.285	2.473	0.9445	0.487659296	
hsa-mir-369-3p	0	71.92	0	0	0	0	0	0	0	0	0	0	40.1	98.27	0	0	0	0	0	7.192	13.837	0.9441	0.316992021		
hsa-mir-619-5p	3642.77	13042.12	353.22	984.45	0	0	127.97	79216.88	2798.3	1070.44	3850.45	723.93	6432.78	10728.6	2179.47	179.13	60.3	139603.5	19.5	27966.53	10123.68	19184.53	0.9222	0.400718589	
hsa-mir-127-5p	0	0	0	0	12.85	0	0	36	0	1.97	5.84	0	16.04	0	1.37	4.71	0	0	0	1.482	12.796	0.9188	0.55846155		
hsa-mir-216b-5p	0	0	13.01	112.32	0	0	4.85	44.72	35.21	0	0	0	232.61	0	0	0	16.96	0	0	141.7	21.011	39.127	0.897	0.680250708	
hsa-mir-18a-3p	0	0	11.15	13.21	0	0	11.94	0	17.61	0	0	0	8.02	25.48	8.65	47.86	3.77	0	6.53	0	5.391	10.701	0.8958	0.619268967	
hsa-mir-4532	80.95	23.97	3.72	118.93	0	0	11.94	1818.67	88.03	13.77	0	70.06	433.13	58.23	216.22	13.67	6.6	1180.58	0	2038.56	215.998	401.051	0.8951	0.394200172	
hsa-mir-380-5p	0	0	0	0	0	0	14.18	0	0	1.97	0	0	0	0	3.64	0	0	0	0	0	0.197	0.394	0.8857	1	
hsa-mir-103a-2-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26.14	0	2.614	0.8824	1	
hsa-mir-378d	0	0	22.31	92.5	346.89	3.58	9.7	70.42	19.68	17.51	70.06	112.29	18.2	458.38	187.33	111.18	0	43.74	12.88	56.508	103.357	0.8711	0.292075153		
hsa-mir-18b-3p	0	0	0	0	0	0	0	6.75	0	0	0	0	0	0	0	1.37	0	0	0	0	0.075	0.137	0.8692	1	
hsa-mir-125b-1-3p	143.91	0	13.01	13.21	0	0	20.15	104.35	35.21	64.93	5.84	23.35	417.09	0	116.76	54.69	44.28	49.19	6.53	3.22	39.477	72.095	0.8689	0.628061007	
hsa-mir-500h-5p	0	0	0	0	0	0	0	164.16	0	0	23.62	0	93.4	0	0	92.98	41.46	0	104.56	0	18.778	33.24	0.8249	0.956573264	
hsa-mir-659b-5p	0	0	11.15	0	0	0	0	2.24	0	35.21	0	0	0	0	28.92	9.57	0.94	0	0	0	4.86	8.655	0.8175	0	
hsa-mir-455-5p	161.9	311.67	267.71	211.43	0	0	314.89	283.24	264.08	499.8	425.97	396.99	465.21	29.12	882.17	726.08	810.3	147.57	176.43	3.22	231.472	406.306	0.8117	0.522532004	
hsa-mir-566	0	0	0	0	0	0	0	163.98	0	0	0	0	88.23	0	0	0	0	0	0	16.398	28.499	0.7914	0.787248012		
hsa-mir-500b-5p	0	0	0	0	0	0	0	60.44	0	0	23.62	0	46.7	0	0	16.4	30.16	0	52.28	0	8.406	14.554	0.7919	0.63594132	
hsa-mir-450h	107.93	0	0	105.71	51.39	43.01	8.95	551.56	140.85	41.32	0	0	753.97	18.2	160	5.47	7.54	688.67	0	177.13	15.365	182.081	0.7854	0.714525996	
hsa-mir-448d	0	0	16.73	0	0	0	0	37.1	19.68	0	0	0	128.33	21.84	43.24	1.37	3.86	0	0	0	112.72	13.196	0.7857	0.535357878	
hsa-mir-125d	8.99	47.95	0	6.61	0	0	1.49	551.56	0	11.81	0	0	24.06	21.84	21.62	13.67	3.77	885.43	0	106.28	62.841	107.667	0.7768	0.634431264	
hsa-mir-195-5p	8.99	0	16.39	0	38.54	0	1.87	0	0	0	0	0	104.27	0	0	2.73	2.83	0	6.53	0	6.799	11.636	0.7752	0.535851427	
hsa-mir-671b-3p	0	0	0	0	0	0	0	0.37	17.61	0	0	0	0	0	0	21.62	0	5.65	0	3.22	1.798	3.049	0.7619	0.815278834	
hsa-mir-509-3-5p	107.93	0	18.39	13.21	0	0	0	15.67	0	23.61	0	0	46.7	0	0	143.57	79.15	0	32.67	0	19.701	30.299	0.7459	0.633807161	
hsa-mir-708-3p	0	0	89.24	26.43	0	0	129.02	11.37	88.44	52.82	35.42	11.67	0	208.54	54.59	168.63	49.7	147.57	19.5	45.394	72.967	0.735	0.83195496		
hsa-mir-394d-5p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.112	0.188	0.7472	1	
hsa-mir-451b	0	0	0	0	0	0	7.06	0	0	3.94	0	0	8.02	0	4.32	0	2.83	0	0	3.22	1.103	1.839	0.7375	1	
hsa-mir-25-3p	620.62	1390.52	1853.49	2107.66	436.83	530.43	2351.23	804.98	1197.18	2190.08	1207.89	420.34	6023.71	1372.14	2391.36	6030.12	2021.97	1033.01	477.01	1288.19	1348.302	2226.574	0.7237	0.644731109	
hsa-mir-502-3p	8.99	47.95	98.33	112.32	539.61	3.58	127.14	14.91	88.03	112.16	64.19	186.82	208.54	101.91	573.14	418.42	166.77	0	78.41	115.94	116.338	191.614	0.7199	0.38211947	
hsa-mir-146b	0	0	0	0	0	0	118.27	0.75	149.07	17.61	0	0	0	0	0	21.62	0	2.83	295.14	0	151.36	28.57	45.908	0.715	0.831459496
hsa-mir-667b-3p	0	0	0	0	0	0	0	0	14.91	0	0	0	0	0	0	21.62	7.73	0	0	0	1.491	4.235	0.7096	0.788468881	
hsa-mir-1273b-3p	0	0	0	13.21	0	0	1.49	402.49	17.61	1.97	0	0	0	32.76	25.95	10.94	0	639.48	0	3.22	43.677	71.235	0.7057	0.756590147	
hsa-mir-589-5p	0	47.95	13.01	59.46	0	0	24.62	74.54	0	9.84	52.52	0	0	25.48	108.11	143.57	44.28	0	0	22.942	37.396	0.7049	0.506101838		
hsa-mir-378a-3p	9911.94	1366.35	4234.96	7743.49	33353.03	11483.01	1661.38	1282.01	3915.49	7502.94	1773.91	3479.52	13852.13	2500.42	60540.8	30329.71	12387.16	639.48	3861.84	8125.24	8445.48	13749.92	0.7031	0.667876994	
hsa-mir-169b-5p	0	0	5.38	0	0	0	3.58	0	13.21	21.64	2.83	0	0	0	16.43	2.83	0	0	0	112.72	13.196	0.699	0.594507017		
hsa-mir-181a-2-3p	170.9	47.95	53.91	151.96	192.72	0	138.04	0	123.24	119.68	169.22	23.35	160.42	105.55	665.95	72.47	202.57	98.38	45.74	122.38	102.827	166.603	0.6922	0.646469445	
hsa-mir-182-5p	152.91	456.52	237.96	260.89	51.39																				

hsa-mir-503-5p	0	0	13.01	0	12.85	0	6.34	0	0	0	11.67	0	8.02	0	0	16.41	4.71	0	0	0	3.22	4.081	0.3419	1			
hsa-mir-203b-3p	0	0	0	0	0	0	2.98	0	0	0	0	0	0	0	0	0	3.77	0	0	0	0.298	0.377	0.3383	1			
hsa-mir-203b-5p	0	0	0	0	0	0	6.34	0	0	0	0	0	8.02	0	0	0	0	0	0	0	0.634	0.802	0.70938886	1			
hsa-mir-574-3p	0	71.92	7.44	92.5	25.7	0	414.13	14.91	35.21	192.84	11.67	70.06	40.1	36.4	211.89	557.89	125.31	0	19.6	0	85.405	107.292	0.3281	0.940972085	1		
hsa-mir-2190-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0.94	0	0	0	0.075	0.094	0.3258	1			
hsa-mir-4723-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0.94	0	0	0	0.075	0.094	0.3258	1			
hsa-mir-199a-5p	53.97	95.9	39.04	13.21	244.11	0	8.98	670.82	0	5.9	29.18	93.41	1195.12	21.84	47.57	10.94	2.83	0	6.53	6.44	113.153	141.386	0.3214	0.899014466	1		
hsa-mir-202-5p	0	95.1	48.34	0	0	0	0	0	0	0	23.34	46.7	120.31	7.28	0	0	0	0	0	0	15.915	19.763	0.3124	0.914328149	1		
hsa-mir-181b-5p	53.96	215.77	435.02	1189.28	526.76	26.68	494.72	327.96	281.7	651.31	210.06	560.46	1331.48	163.78	285.4	1123.98	358.98	393.52	424.74	367.14	420.516	521.954	0.3118	0.9600369821	1		
hsa-mir-1273f	3004.16	3092.71	94.81	343.57	0	663.03	39.92	55797.38	1742.96	2194.01	390.96	210.17	5365.99	4389.38	821.63	88.88	21.67	57159.72	0	13980.05	6697.255	8242.845	0.2996	0.837659946	1		
hsa-let-7d-5p	170.9	1783.85	654.39	872.13	2441.09	60.93	2448.98	804.96	563.38	554.9	1266.24	2031.67	10783.26	742.48	415.14	510.03	1908.91	737.86	1123.92	309.16	965.053	1182.867	0.2936	0.880171703	1		
hsa-mir-1200b	98.94	23.97	5.58	33.04	231.26	0	201.84	88.03	440.77	5.84	70.06	176.46	18.2	246.49	162.72	80.09	541.1	0	67.67	112.343	136.859	0.2848	0.808656589	1			
hsa-mir-370b-3p	35.98	23.97	13.01	76.61	25.7	0	2.24	804.38	35.21	41.32	0	505.32	40.04	125.41	36.92	0	0	260.86	98.302	120.111	0	0.2803	0.768942562	0.2803	0.768942562	1	
hsa-mir-339-5p	0	47.95	4.44	52.86	269.8	3.58	185.8	74.54	52.82	116.1	40.85	70.06	24.27	54.99	358.92	138.1	86.68	0	52.28	74.77	81.089	97.982	0.273	0.83970427	1		
hsa-mir-487b-3p	0	23.97	0	0	0	0	12.85	0	1.12	0	0	0	0	0	1.34	3.64	0	1.88	0	0	3.794	4.562	0.2659	0.843435788	1		
hsa-mir-49a-5p	89045.59	126585.3	84039.16	95610.92	122787	42305.06	74536.57	42202.08	6329.44	100983.7	72070.86	11232.54	122295	73149.07	220389.1	191254.6	157975.6	55585.62	16172.67	88356.72	84133.48	100988.2	0.2617	0.911935687	1		
hsa-let-7c-5p	4101.49	13593.54	4545.42	4644.77	9134.83	2003.43	15178.55	3920.57	7218.31	7707.58	15206.6	9761.34	26116.11	3688.73	6907.6	1107.57	8886.14	7034.29	3352.15	2415.35	7204.849	8615.388	0.258	0.991167549	1		
hsa-mir-120b-3p	0	0	5.58	0	0	0	0	0	17.61	0	0	16.04	0	4.32	3.47	1.88	0	0	0	2.319	2.771	0.2511	1	1	1		
hsa-mir-30c-5p	6044.3	8726.72	8073.93	25688.29	9019.2	43	105721.2	2593.84	12411.97	24325.02	27297.18	29470.84	14742.44	24298.1	4739.48	9374.71	20872.66	26588.18	72492.74	10936.7	23084.5	2108.3	0.2506	0.896431683	1		
hsa-mir-4662a-5p	0	14.87	0	0	0	0	3.73	0	0	17.51	0	0	0	0	0	2.73	1.88	0	0	1.86	2.212	0.243	0.871018947	1	1		
hsa-mir-1262	0	13.01	0	0	0	0	0.37	0	0	0	0	0	0	0	0	2.83	0	13.07	0	2.384	1.519	0.2489	0.833703674	1	1		
hsa-mir-320a	3525.85	1582.32	3994.28	5523.51	40599.22	7999.4	2657.17	3873.41	8855.63	6320.33	4189.69	2965.77	7162.68	1324.82	30240.22	19961.65	9088.5	1524.92	3097.31	4109.32	8698.012	10326.49	0.2484	0.962747051	1		
hsa-mir-364-5p	197.88	0	133.85	33.04	12.85	3.58	61.36	29.81	140.85	57.06	52.52	116.76	43.68	64.87	154.51	64.07	98.38	45.74	154.58	67.008	79.511	0.246	0.946402385	1	1		
hsa-mir-183-5p	8.99	359.62	249.12	383.21	115.63	0	1225.61	253.42	352.11	419.13	519.34	830.52	88.23	531.38	276.76	108.02	265.49	409	336.684	639.47	0.2336	0.907066292	1	1			
hsa-mir-598-3p	0	0	1.86	0	0	0	78.72	0	17.61	9.84	0	70.06	16.04	0	10.94	3.77	0	26.14	0	10.803	12.695	0.2328	0.95608386	1	1		
hsa-mir-224-5p	17.99	213.77	143.15	99.11	12.85	3.58	479.8	29.81	316.9	210.55	145.88	140.11	56.15	229.3	181.62	389.7	244.97	344.34	52.28	0	152.951	178.435	0.2223	0.922506436	1		
hsa-mir-148a-5p	0	167.82	39.04	52.86	963.39	0	70.89	0	105.63	306.97	87.53	23.35	256.67	25.48	410.81	261.17	329.77	49.19	84.95	457.31	170.88	198.623	0.2187	0.937047904	1		
hsa-mir-34a-5p	98.94	0	9.3	13.21	680.94	0	24.82	0	13.74	40.85	903.98	304.79	54.59	0	46.49	3.65	0	45.74	177.13	275.97	97.882	0.2158	0.852803348	1	1		
hsa-mir-10a-3p	8.99	47.95	146.87	58.46	0	0	74.99	163.98	52.82	0	75.86	103.42	40.1	131.03	38.92	46.49	82.91	0	65.34	0	55.506	64.412	0.2147	0.989714923	1		
hsa-mir-24-3p	3040.14	1582.32	3034	2396.37	9250.46	1132.54	3474.96	3756.6	3963.38	2105.46	2765.9	3059.17	9488.74	2718.8	2598.12	5103.04	4428.36	3049.84	3515.51	1191.38	3283.82	3782.906	0.2041	0.849962924	1		
hsa-mir-6789-5p	0	0	6.61	0	0	0	0.37	0	0	0	0	0	8.02	0	0	0	0	0	0	0	6.698	8.802	0.2004	1	1		
hsa-mir-423-3p	9884.96	3260.53	1704.77	2940.15	3511.73	3286.49	3292.53	20109.72	3890.85	7457.68	3617.84	793.98	3815.17	1710.62	16441.15	20261.74	4489.52	4673.13	1052.04	6133.943	7038.921	0.1979	0.911308041	1	1		
hsa-mir-361-5p	8.99	0	87.38	0	12.85	0	300.34	0	32.82	49.19	52.52	116.76	64.17	50.95	43.24	98.45	35.8	0	124.15	0	51.157	38.604	0.1961	0.880123441	1	1	
hsa-mir-143-3p	503.69	1989.88	687.86	85.89	2171.29	164.86	133.57	7751.71	7880.8	1803.39	3197.7	980.8	7034.35	1972.67	351.35	1271.66	261.93	196.76	58.81	196.45	1380.63	1580.248	0.1944	0.856280331	1	1	
hsa-mir-501-3p	440.73	119.87	109.68	52.86	1734.46	21.5	362.27	104.35	457.75	700.51	204.23	70.06	497.3	120.11	1063.79	972.2	348.62	196.76	104.55	1094.96	410.398	467.258	0.1872	0.705997978	1	1	
hsa-mir-1299	134.92	23.97	29.75	52.86	0	0	31.71	44.72	70.42	0	0	0	32.76	19.99	58.8	190.33	0	90.17	38.835	44.125	0.1842	0.814797117	1	1			
hsa-mir-42a-1-5p	0	23.97	0	0	0	0	0	4.48	149.07	0	33.45	40.85	0	3.64	12.97	19.14	36.75	98.38	0	18.7	21.13	0.1792	0.848923141	1	1		
hsa-mir-3613-5p	296.82	143.85	5.58	72.69	89.93	3.58	24.82	14.91	281.69	41.32	5.84	233.52	176.46	116.76	12.97	51.63	245.29	150.29	77	106.12	114.929	0.1732	0.972707154	1	1		
hsa-mir-484	170.9	215.77	85.52	132.14	64.24	7.17	255.57	1162.76	140.85	218.42	227.57	93.41	449.17	127.39	38.92	578.4	228.01	442.72	163.36	399.34	245.334	274.829	0.1638	0.79999162	1	1	
hsa-mir-1307-5p	0	23.97	0	79.28	0	0	3.73	0	105.63	29.52	0	0	10.92	151.35	45.12	31.09	0	32.67	0	24.213	27.115	0.1633	0.971996769	1	1		
hsa-mir-509b	0	311.67	0	6.61	0	0	12.85	161.28	45.14	178.99	76.74	5.84	46.7	368.96	109.19	116.76	94.94	9395.44	6.53	892.07	978.481	1095.61	0.1631	0.981809165	1	1	
hsa-mir-1246	2086.72	575.36	7096.06	9659.54	8975.39	1750.72	228.35	477.03	792.25	23.35	138.73	8370.35	6986.22	1266.59	562.16	3749.61	910.79	880.18	1463.801	879.04	0	0	0.1604	0.885645163	1	1	
hsa-mir-218-5p	0	287.7	204.5	75.28	74.18	0	166.77	1043.5	144.04	242.03	70.06	42.02	37.64	41.08	298.44	112.08	350.04	429.64	196.76	973.63	44.1	290.98	323.677	0.1536	0.716947824	1	1
hsa-mir-2195	0	0	0	0	0	0	0	89.44	0	0	0	0	0	0	0	0	0	98.38	0	8.944	9.838	0.1374	0.883744055	1	1		
hsa-mir-193a-5p	1969.8	359.62	353.22	700.35	5357.56	892.41	194.28	1267.11	1802.11	1357.73	939.47	116.76	649.69	429.48	3891.91	3992.73	1308.72	688.67	39.21	3391.15	4029.426	1544.779	0.1364	0.832017291	1	1	
hsa-mir-204-5p	0	23.97	11.15	0	12.85	161.28	45.14	178.99	76.74	5.84	46.7	0	43.68	229.19	69.74	53.71	0	138.48	56.997	61.651	0.1362	0.836218839	1	1			
hsa-mir-99b-5p	15803.32	3787.91	4982.3	2985.59	7426.06	10210.7	11159.58	2815	7622.54	19571.7	8639.33	1027	7563.73	7031	2062.19	14001.9	15855.4	4820.2	2476.5	24958.62	38365.107	10729.83	0.1354	0.783103112	1	1	
hsa-mir-1273c	0	0	0	0	0	0	2.98	0	0	0																	

hsa-miR-192-5p	12475.38	7168.37	22143.30	7221.53	21648.61	6572.98	7415.97	2425.51	6232.39	12847.28	4329.74	9691.28	11991.27	3050	4795.7	20795.02	23757.04	7083.48	14715.49	5204.27	10605.14	10741.23	0.0184	0.61995530
hsa-miR-410-3p	0	0	0	0	0	12.85	0	0.37	0	0	5.9	0	16.04	0	0	0	0	0	0	3.22	1.912	1.926	0.0105	1
hsa-miR-4792	71.96	0	1.86	13.21	0	0	10.82	775.17	158.45	13.77	5.84	70.06	80.21	40.04	77.84	15.04	16.02	491.91	0	254.42	104.524	105.138	0.0084	1
hsa-miR-71-5p	15857.21	11100.19	6177.01	10406.71	9289.66	6320.95	35016.85	17799.31	41155.82	3869.26	20129.34	21945.23	14027.01	5007.23	32397.97	6054	9985.73	10546.15	9033.31	13760.22	13799.65	0.0041	0.678306065	
hsa-miR-3682-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-2355-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-4717-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-7159-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-6778-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-570-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-181b-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-6073	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-5087	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-6885-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-4738-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-5003-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-5006-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-1237-5p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-4651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-595	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-4802-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-3024-3p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hsa-miR-6753-5p	0																							

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hsa-miR-4779	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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hsa-mir-654-3p	8.99	0	3.72	39.64	0	0	2.98	44.72	0	0	11.67	0	32.08	0	4.32	6.84	16.02	0	6.53	0	10.05	7.746	-0.3692	0.778759369	
hsa-mir-105-5p	0	47.95	11.15	13.21	0	0	2.98	0	0	0	0	46.7	0	7.28	0	4.1	0	0	0	0	7.529	5.808	-0.3744	0.62787494	
hsa-mir-6889-3p	0	0	0	9.3	13.21	0	0	4.48	0	0	0	0	0	0	0	12.3	8.48	0	0	0	0	2.666	0.705921071		
hsa-mir-146b-5p	1106.32	863.08	767.79	634.28	1246.24	197.12	542.48	4114.37	545.77	802.83	851.94	326.93	770.01	498.63	445.41	1104.84	1515.06	491.91	1979.93	334.93	1082.028	831.959	-0.3792	0.640473535	
hsa-mir-1268b	0	0	0	0	0	0	6.72	536.66	0	0	0	0	8.02	3.64	147.03	2.73	10.36	245.95	0	0	54.338	41.773	-0.3794	0.752915662	
hsa-mir-628-3p	0	23.97	16.73	18.82	0	0	5.22	0	0	17.51	0	0	0	25.48	0	0	7.54	0	0	0	6.574	5.053	-0.3796	1	
hsa-mir-3065-3p	0	0	0	0	0	0	4.1	17.61	0	0	0	0	0	0	0	0	1.88	0	6.53	0	2.171	1.691	-0.3863	1	
hsa-mir-143-5p	8.99	23.97	0	0	0	0	74.54	0	0	0	0	23.35	40.1	3.64	0	0	15.04	0	0	0	10.75	8.213	-0.3884	0.838413802	
hsa-mir-335-5p	0	0	94.81	6.61	179.87	0	6.72	149.07	52.82	13.77	29.18	140.11	40.1	61.87	0	24.61	16.96	0	65.34	6.44	50.367	38.461	-0.3891	0.677280086	
hsa-mir-6512-5p	0	0	3.72	0	0	0	0	0	0	0	0	0	0	0	0	0	2.83	0	0	0	0.372	0.283	-0.3943	1	
hsa-mir-1251-5p	0	0	0	0	0	0	1.49	0	0	33.45	0	0	0	18.2	0	2.73	5.65	0	0	0	3.494	2.658	-0.3945	1	
hsa-mir-342-3p	188.88	23.97	39.04	13.21	89.93	0	316.38	59.63	105.63	287.29	122.54	23.35	40.1	21.84	69.19	155.88	68.78	0	137.22	215.77	112.396	85.497	-0.3952	0.537392528	
hsa-mir-799-3p	0	0	0	0	0	0	2.24	0	0	0	0	0	0	0	0	0	5.7	0	0	0	1.145	1.145	-0.3982	1	
hsa-mir-4664-3p	0	0	3.72	19.82	0	0	1.87	0	0	35.42	0	0	0	0	0	38.29	7.54	0	0	0	6.083	4.583	-0.4085	0.769456886	
hsa-mir-8485	0	0	3.72	13.21	0	0	0	17.61	0	0	0	0	0	0	25.95	0	0	0	0	0	3.454	2.595	-0.4125	0.855129887	
hsa-mir-6130	0	0	3.72	0	0	0	0.37	17.61	0	0	0	0	0	8.02	7.28	0	0.94	0	0	0	2.17	1.624	-0.4181	1	
hsa-mir-100-5p	5711.51	5370.29	4915.84	9811.5	10972.07	5494.21	6093.36	10032.5	9225.35	8386.45	2725.05	2692.18	7521.62	2863.9	9920.04	6198.3	8131.22	6089.95	1685.88	6911.12	7591.408	5681.126	-0.4182	0.198034437	
hsa-mir-8-3p	521.68	5442.21	1312.5	361.6	1654.52	14.34	16.42	313.05	281.7	454.38	953.54	326.94	521.36	493.9	9920.04	6198.3	8131.22	6089.95	131.06	4399.16	1057.24	786.902	-0.426	0.737324889	
hsa-mir-1290	557.66	239.74	2675.2	383.21	2068.5	727.54	111.93	193.79	35.21	259.74	227.57	2849	826.15	469.51	38.92	36.92	135.68	49.19	26.14	6992.4	725.252	535.148	-0.4385	0.163824688	
hsa-mir-22-3p	6880.8	1678.21	2905.72	3620.67	39455.76	3838.42	1747.57	2414.95	2271.13	2851.23	2672.53	4577.09	2823.36	4163.72	12963.3	36975.34	7099.51	2705.49	2228.23	4218.81	6766.446	4982.838	-0.4414	0.171330747	
hsa-mir-16-2-3p	233.86	71.92	152.44	112.32	89.93	43.01	26.86	104.35	176.06	31.48	40.85	163.47	16.04	76.43	77.84	56.06	59.36	196.76	45.74	32.2	104.223	76.475	-0.4466	0.570426817	
hsa-mir-4709-3p	0	0	0	0	0	0	1.87	0	0	0	0	0	0	0	0	1.37	0	0	0	0	0.187	0.137	-0.4498	1	
hsa-mir-3206	0	0	5.88	60.07	38.54	0	0.37	0	0	1.97	5.84	0	0	0	0	8.65	6.84	2.83	0	6.53	3.22	4.646	3.391	-0.4543	1
hsa-mir-26a-2-3p	0	47.95	7.44	0	0	0	0	0	0	0	23.35	16.04	0	0	0	0	0.94	0	0	0	5.539	4.033	-0.4578	0.731785278	
hsa-mir-874-3p	890.46	71.92	26.03	381.42	462.52	0	498.83	89.44	404.93	348.29	64.19	46.7	8.02	72.79	562.16	298.01	460.74	147.57	111.08	714.94	337.384	245.62	-0.458	0.563949521	
hsa-mir-138-5p	0	0	0	13.22	31.4	0	4.85	0	0	1.97	0	0	0	0	0	4.1	15.08	0	0	0	7.144	5.185	-0.4624	1	
hsa-mir-3913-5p	0	47.95	3.72	6.61	0	250.88	9.7	0	0	0	23.35	0	0	0	168.63	20.51	16.96	0	0	0	31.886	22.947	-0.4746	0.187180726	
hsa-mir-862-3p	8.99	23.97	0	0	0	0	0	0	0	0	23.35	0	0	0	0	0	0	0	0	0	3.296	2.335	-0.4973	0.78838921	
hsa-mir-625-3p	188.88	791.16	135.71	132.14	0	0	157.07	1252.2	176.06	114.13	682.72	46.7	0	298.45	0	139.47	61.24	442.72	6.53	405.78	294.735	208.361	-0.5003	0.871882058	
hsa-mir-2115-5p	0	0	14.87	0	0	0	1.49	0	0	0	0	0	0	0	0	6.84	4.71	0	0	0	1.636	1.155	-0.5023	0.490223142	
hsa-mir-7847-3p	107.93	0	0	0	0	0	0	59.63	0	19.68	0	23.35	48.13	3.64	0	0	0.94	49.19	0	6.44	18.724	13.169	-0.5077	0.504461285	
hsa-mir-5488a	0	0	9.3	0	0	0	0	0	0	0	0	0	0	0	0	0	6.53	0	0	0	0.93	0.653	-0.5101	0.542945471	
hsa-mir-893-5p	44.97	0	3.72	0	0	3.58	0.73	119.26	0	0	0	0	0	24.06	0	0	0	0	0	0	17.622	12.244	-0.5253	0.460565027	
hsa-mir-1224-5p	0	0	0	0	0	0	0	104.35	0	0	0	0	0	3.64	8.65	0	7.54	49.19	0	3.22	10.435	7.224	-0.5306	0.781272459	
hsa-mir-142-5p	305.81	455.52	135.71	204.82	89.93	43.01	57.46	178.89	739.44	49.19	75.86	46.7	826.15	116.47	0	75.31	70.67	295.14	45.74	6.44	225.978	156.248	-0.5323	0.289055291	
hsa-mir-6131	8.99	23.97	0	0	12.85	53.76	0.37	14.91	70.42	49.68	5.84	0	8.02	3.64	21.62	0	1.88	0	0	99.83	20.495	14.083	-0.5413	0.444384277	
hsa-mir-1306-3p	0	0	18.59	26.43	0	0	4.1	119.26	17.61	15.74	0	0	16.04	0	51.89	45.42	20.73	0	0	3.22	20.173	13.7	-0.5382	0.595898992	
hsa-mir-328-3p	332	0	71.92	13.01	66.07	526.76	0	69.37	80.68	5.84	46.7	104.27	14.56	358.92	149.04	0	0	0	39.21	3.22	117.767	79.902	-0.5492	0.537451778	
hsa-mir-615-3p	1699.96	119.87	139.43	59.46	1182	111.1	35.82	268.23	88.03	293.19	29.18	70.06	48.13	109.19	657.3	192.8	215.76	196.76	32.67	1143.27	399.719	269.512	-0.5686	0.545348838	
hsa-mir-6863	0	0	7.44	6.61	0	0	37.31	0	17.61	0	11.67	0	0	0	0	8.2	15.79	0	6.53	0	6.897	4.619	-0.5784	0.337108453	
hsa-mir-4454	0	0	0	0	0	0	11.94	0	0	31.48	0	0	0	8.02	0	4.1	3.77	0	0	0	4.342	2.896	-0.5843	0.483063447	
hsa-mir-893-5p	0	0	0	6.61	0	3.58	4.49	0	0	0	0	0	0	0	0	6.84	9.94	0	0	0	0	1.198	0.778	-0.5882	0.702167453
hsa-mir-10b-3p	485.7	143.85	416.43	513.85	1349.02	0	58.457	299.3	165.29	408.17	140.11	8.02	305.73	294.06	428.62	598.3	49.19	52.29	3.22	345.388	228	149.1	-0.5903	0.702167453	
hsa-mir-92a-3p	2083.7	262.08	3448.57	5886.9	8267.62	11142.54	23228.04	11001.46	122457.65	16198.59	7052.45	6264.34	5339.32	1452.98	8496.86	4083.92	10772.79	5090.31	13954.28	11833.13	7870.54	-0.5883	0.611210624		
hsa-mir-10b-5p	193040.1	194241.3	253707	264566.9	35717.04	188337.1	1106568.2	11657.37	221091.6	121936	211900.4	49573.74	9384.47	26129.4	435692.86	44647.48	116300	67243.84	124317.2	114866.3	106096.2	106486.3	-0.5937	0.2949421	
hsa-mir-543	35.98	143.85	59.49	6.61	231.26	0	0	59.63	17.61	27.55	17.51	23.35	96.25	29.12	8.65	5.47	48.19	147.57	0	9.66	58.198	38.563	-0.5938	0.484046447	
hsa-mir-159-3p	8.99	0	3.72	0	0	3.58	0.37	14.91	105.63	0	0	23.35	56.15	3.64	0	5.47	0.94	0	0	0	13.72	8.955	-0.6155	0.435103931	
hsa-mir-497-5p	8.99	0	0	0	12.85	0	1.12	58.63	0	0	0	48.13	0	0	0	8.259	2.72	0	0	3.22	8.259	0.728	-0.6178	0.537451778	
hsa-let-7f-1-3p	0	0	59.49	33.04	0	0	31.34	0	0	21.64	29.18	0	8.02	0	8.2	20.73	0	26.14	0	14.551	9.227	-0.6572	0.374907072		
hsa-mir-486-5p	3642.77	143.85	241.68	7596.13	2995.55	1473.01	281.31	3070.87	3468.31	143.64	221.74	140.11	1740.54	280.25	3628.12	815.06	155.46	5066.65	1189.26	1342.93	2305.712	1458.412	-0.6608	0.174167446	
hsa-mir-6855-5p	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0.94	0	0	0	0.149	0.094	-0.6646	1	
hsa-mir-326-5p	161.9	0	53.91	39.64	0	0	13.06	89.44	0	80.68	70.02	0	0	0	77.84	57.43	56.53	0	13.07	0	43.883	27.489	-0.6742	0.525794564	
hsa-mir-578b-3p	0	0	0	0	12.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.295	0.802	-0.6801	1	

hsa-mir-5684	0	0	0	0	0	0	1.49	89.44	0	0	0	0	0	0	0	0	0	49.19	0	3.22	9.093	5.241	-0.7949	0.574402419	
hsa-mir-4750-5p	0	23.97	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	10.94	2.83	0	2.434	1.377	-0.8218	0.26849897		
hsa-mir-221-5p	206.87	23.97	13.01	13.21	12.85	0	29.3	0	19.68	17.51	70.06	24.06	0	4.32	15.19	19.79	0	26.14	0	31.309	17.692	-1.353	0.26849897		
hsa-let-7b-5p	52761.76	26063.6	10875.55	10445.78	26119.69	60042.08	39797.86	59747.77	46760.56	42809.83	18760.25	39418.99	18993.54	16989.74	34339.61	59949.44	11641.88	33007.03	8939.07	22833.44	37539.72	21067.3	-0.8334	0.022355663	
hsa-mir-184	1789.91	527.44	343.93	541.78	2505.33	1376.24	71.26	849.71	70.42	537.19	824.37	303.58	1010.64	858.95	246.49	23.25	309.04	1328.15	65.34	61.19	861.391	483.1	-0.8342	0.140195105	
hsa-mir-581	0	0	0	0	0	0	0	3.36	0	0	0	0	0	0	0	0	1.88	0	0	0	0.336	0.188	-0.8377	0.531841598	
hsa-mir-308-5p	188.88	0	27.89	19.82	64.24	322.96	26.86	193.79	35.21	25.58	29.18	0	24.06	36.4	0	77.94	146.04	0	32.67	157.8	90.483	50.409	-0.844	0.160889573	
hsa-mir-227b-2p	0	0	0	0	0	0	2.61	0	0	0	9.84	8.3	0	0	0	0	4.13	2.83	0	1.245	0.693	-0.8452	0.1	0.8452	
hsa-mir-185-5p	386.76	119.87	156.16	1526.23	989.28	96.77	95.88	283.24	70.42	62.97	23.34	140.11	176.46	10.92	363.24	466.27	256.28	442.72	137.22	83.73	378.758	210.029	-0.8507	0.13925713	
hsa-mir-4787-5p	143.91	0	0	0	0	0	3.58	0.37	402.49	0	29.52	0	0	10.92	8.65	5.47	1.88	98.38	0	193.23	57.987	31.853	-0.8643	0.655707448	
hsa-mir-1301-3p	134.92	0	33.46	33.04	565.31	0	30.97	178.89	52.82	104.29	23.34	23.35	192.5	18.2	108.65	114.86	62.19	0	6.53	12.88	113.37	62.25	-0.8649	0.396898993	
hsa-mir-190a-5p	746.54	599.36	1206.33	416.25	0	0	262.28	14.91	492.96	179.06	443.48	373.64	104.27	313.01	185.95	47.86	265.7	147.57	163.36	90.17	391.789	213.501	-0.8758	0.19953162	
hsa-mir-329-5p	0	0	0	0	0	0	12.85	0	0	0	0	0	0	0	0	0	1.492	0	0	0	0.802	0	-0.8859	0.802	
hsa-mir-96-5p	0	23.97	16.73	72.68	462.52	0	30.97	29.81	35.21	37.39	11.67	23.35	24.06	10.91	0	41.02	65.01	0	98.02	9.66	70.928	37.47	-0.9206	0.729995887	
hsa-mir-30d-3p	8.99	119.87	22.31	52.86	0	14.34	21.27	14.91	105.63	33.45	11.67	0	16.04	29.12	25.95	23.25	31.09	0	39.21	28.98	39.363	20.531	-0.939	0.26912914	
hsa-mir-4488	5387.71	719.23	39.04	885.35	860.81	727.54	77.98	84612.86	1267.61	1936.24	81.69	0	6256.32	906.27	1751.36	105.25	104.58	31482.12	13.27	9622.75	9651.437	5032.345	-0.9395	0.394777828	
hsa-mir-598-5p	0	0	0	0	0	0	1.49	0	0	0	3.94	0	0	0	0	0	2.83	0	0	0	0.343	0.283	-0.9402	0.1	0.9402
hsa-mir-2110	899.45	167.82	83.66	218.02	1631.68	48.59	163.98	176.06	533.25	169.22	46.7	0	0	0	713.52	341.84	297.74	98.38	26.14	505.61	422.804	219.915	-0.943	0.26502776	
hsa-mir-383-5p	0	47.95	0	0	77.09	3.58	0	0	0	9.84	0	0	24.06	43.68	0	0	3.22	13.846	7.096	-0.9644	0.94822585	0	-0.9644	0.94822585	
hsa-mir-199b-5p	512.69	47.95	5.58	0	12.85	0	16.04	0	0	5.84	46.7	96.25	32.76	0	50.59	1.88	49.19	13.07	3.22	59.511	29.95	-0.9696	0.33734906		
hsa-mir-5695	0	0	0	0	0	0	1.87	0	0	0	0	0	0	0	0	0	0.94	0	0	0	0.187	0.094	-0.9923	1	0.9923
hsa-mir-379-3p	0	0	0	0	25.7	0	0	14.91	0	8.9	0	0	16.04	3.64	0	0	0	0	3.22	6.681	2.29	-1.0222	0.82792129	1	1.0222
hsa-mir-303a-3p	8.99	23.97	11.15	0	141.33	0	1.87	14.91	35.21	21.64	17.51	0	0	0	0	0	32.08	7.28	2.73	17.9	49.19	0	-1.032	0.38003344	
hsa-mir-217	0	0	0	26.43	0	0	1.49	29.81	0	0	0	0	0	0	0	4.32	4.1	0	6.53	12.88	0	-1.0527	0.636567008		
hsa-mir-369-5p	0	0	5.58	0	25.7	3.58	0.37	14.91	0	0	0	0	24.06	0	0	0	0	0	0	6.014	2.406	-1.0593	0.44594889		
hsa-mir-1285-3p	0	0	0	0	25.7	0	3.74	506.84	0	0	0	0	0	14.56	13.68	1.88	98.38	0	128.82	53.628	25.732	-1.0594	0.63784463		
hsa-mir-219a-2-3p	0	23.97	0	0	0	0	38.54	0	0	0	0	0	24.06	3.64	0	0	0	0	3.22	6.448	3.092	-1.0603	0.86288712		
hsa-mir-122-5p	10244.74	935.01	379.25	938.7	1014.98	2089.45	263.78	5962.85	4172.54	271.53	571.85	163.47	336.88	2129.18	2970.82	1416.6	216.71	4082.84	385.53	305.84	2827.235	1297.982	-1.0824	0.10780702	
hsa-mir-323b-3p	0	0	5.58	0	0	0	1.12	0	17.61	0	0	0	0	0	0	4.1	7.54	0	0	0	1.164	-1.0625	0.908831694		
hsa-mir-4661-5p	0	0	9.3	0	0	0	7.83	0	35.21	23.61	11.67	0	0	0	0	10.94	13.19	0	0	7.595	3.58	-1.0851	0.470261576		
hsa-mir-548a-3p	0	47.94	18.6	26.42	0	0	14.18	0	0	0	0	0	0	0	0	16.4	20.72	0	13.06	0	10.714	5.018	-1.0943	0.430594952	
hsa-mir-220c	638.61	215.77	208.22	185	8094.15	727.54	54.84	283.24	352.11	464.38	507.66	233.52	882.3	138.31	1690.82	523.07	489	0	26.14	656.98	1122.38	514.98	-1.124	0.234301221	
hsa-mir-4516	89.95	0	1.86	0	0	0	1.49	1550.34	0	21.64	0	46.7	304.79	0	30.27	0	4.71	49.19	6.53	334.83	171.187	78.259	-1.1292	0.416150487	
hsa-mir-4459	17.99	0	0	19.82	102.78	17.92	0	59.63	0	0	0	0	10.92	4.32	0	0	83.73	21.814	9.897	-1.1402	0.593339598				
hsa-mir-5095	0	0	0	0	0	0	0	1952.83	0	17.71	5.84	23.35	0	65.51	0	0	787.05	6.53	3.22	197.054	89.15	-1.1443	0.487850855		
hsa-mir-155-5p	611.63	95.9	446.18	105.71	1271.94	344.06	91.41	879.52	70.42	39.35	122.54	140.11	368.96	109.19	25.95	225.82	70.67	688.67	32.67	0	395.612	178.438	-1.1487	0.533358943	
hsa-mir-301a-5p	0	0	0	0	0	0	2.24	59.63	0	0	0	0	24.06	0	0	2.73	0.94	0	0	6.187	2.773	-1.1578	0.638435577		
hsa-mir-431-3p	0	23.97	0	0	0	0	0	1.57	0	0	0	0	8.02	0	0	0	3.22	2.84	0	0	1.124	0	-1.1624	1	1.1624
hsa-mir-1273a-5p	17.99	71.92	0	0	0	0	0	924.24	0	3.94	0	0	64.17	25.48	0	0	344.34	0	6.44	101.809	44.043	-1.2089	0.410027786		
hsa-mir-3929	0	0	0	0	0	0	0	29.81	0	0	0	0	0	0	0	0	0	0	12.88	2.981	1.288	-1.2107	1	1.2107	
hsa-mir-216a-5p	0	0	0	0	0	0	0	14.91	0	0	0	0	0	0	0	0	0	0	6.44	1.491	0.644	-1.2117	1	1.2117	
hsa-mir-320d	179.89	119.87	55.77	46.25	1464.66	0	16.04	89.44	17.61	47.23	105.03	93.41	216.25	40.04	168.65	31.45	118.72	0	6.53	96.61	203.678	87.7	-1.2156	0.329129963	
hsa-mir-451a	2797.2	839.11	433.16	20402.63	1811.55	1834.99	903	3880.45	6267.01	27.53	128.37	128.37	1401.15	2711.07	229	2330.82	376.03	154.52	6985.1	1385.29	888.85	3917.84	-1.2659	0.31022405	
hsa-mir-1228-5p	188.88	0	0	0	0	0	548.35	3.36	59.63	0	31.48	0	0	0	0	1.88	0	0	109.83	83.17	35.201	-1.2404	0.108233459		
hsa-mir-9875-5p	0	0	0	0	0	0	0	17.61	0	0	0	0	0	0	0	0	5.47	1.88	0	1.761	0.735	-1.2606	1	1.2606	
hsa-mir-1255b-5p	0	0	0	6.61	0	0	0	0	0	0	0	0	0	0	0	0	2.73	0	0	0	0.661	0.273	-1.2737	1	1.2737
hsa-mir-4443	161.9	0	0	33.04	0	7.12	19	14.91	0	21.64	11.67	0	48.13	21.84	4.32	0	12.25	0	0	23.866	9.821	-1.281	0.278825243		
hsa-mir-124-5p	17.99	0	27.89	13.21	38.54	3.58	17.59	35.21	3.94	35.84	0	72.19	3.64	25.95	5.47	19.84	0	0	33.487	13.74	0.2862	0.16329745			
hsa-mir-214-3p	8.99	0	0	6.61	51.39	0	0.75	104.35	0	33.45	0	0	48.13	3.64	25.95	5.47	19.84	0	0	20.554	8.413	-1.2887	0.291008558		
hsa-mir-4728-3p	0	0	0	0	0	0	0	3.36	0	0	31.48	0	0	0	0	0	12.31	1.88	0	3.484	1.419	-1.2959	0.489081117		
hsa-mir-423-5p	54137.92	8534.92	2108.18	11549.16	130641.1	134645.8	9244.13	24164.46	19964.79	39689.02	14039.55	5044.14	37040.6	6886.16	51438.06	7415.27	10939.93	3246.59	2927.42	42268.63	45467.95	18124.64	-1.2959	0.019178381	
hsa-mir-4-5p	350.79	1582.32	89.24	66.07	6770.82	71.68	342.13	14.91	933.1	867.77	297.6	653.87	1026.68	815.27	0	150.41	68.78	196.76	751.46	402.95	1108.883	438.339	-1.3456	0.289271267	
hsa-mir-6751-5p	0	0	0	3.72	0	0	0	0	0	0	17.61	0	0	0	0	0	1.749	0.694	0	0	28.883	10.956	-1.3885	0.446940108	
hsa-mir-1306-5p	0	0	5.58	0	12.85	0																			

hsa-mir-132-3p	17.99	71.92	46.48	0	295.5	7.17	66.41	0	88.03	31.48	40.85	23.35	88.23	7.28	0	20.51	13.19	0	6.53	12.88	62.498	21.282	-1.5542	0.068405657
hsa-mir-7704	53.97	671.29	13.01	396.42	436.83	3.58	21.27	33928.02	1250	175.13	5.84	0	914.38	94.63	54.69	54.65	9887.35	6.53	950.04	3696.012	1256.054	-1.5307	0.18380451	
hsa-mir-212-3p	0	0	0	0	38.54	0	3.36	0	0	1.97	0	0	8.02	0	0	0	6.84	0	0	4.387	1.486	-1.5618	0.588571879	
hsa-mir-128-3p	5405.7	4147.59	5028.78	1510.22	24410.93	2917.35	1185.69	2146.62	6514.08	5137.73	3816.24	326.93	1195.12	3938.07	350.28	1571.11	2111.48	1574.11	235.24	4653.38	5840.749	1977.216	-1.5627	0.063972432
hsa-mir-541-3p	0	23.97	0	0	0	0	0	0	0	0	0	0	8.02	0	0	0	0	0	0	2.397	0.802	-1.5796	1	
hsa-mir-676-3p	0	0	14.87	0	0	0	0	0.37	0	17.61	0	5.84	0	3.64	0	0	0.94	0	0	3.285	1.042	-1.6565	0.47067626	
hsa-mir-409-3p	26.98	191.8	81.8	19.82	38.54	7.17	0.73	954.06	0	129.87	58.35	23.35	80.21	3.64	69.19	30.08	96.1	49.19	45.74	3.22	145.079	45.907	-1.6601	0.093889325
hsa-mir-608-3p	0	0	0	0	25.7	0	0	0	0	0	0	0	8.02	0	0	0	0	0	0	2.37	0.802	-1.6801	0.72033463	
hsa-mir-342-3p	404.75	743.21	83.66	297.32	605.85	476.67	47.38	2593.84	193.65	391.58	239.24	46.7	0	305.73	454.05	94.35	220.48	49.38	13.07	338.15	583.592	181.016	-1.6888	0.051047903
hsa-mir-1291	0	0	0	0	52.86	0	0	0.73	402.49	0	31.48	11.67	0	0	0	16.41	9.42	0	0	112.72	48.758	15.022	-1.6886	0.397559272
hsa-mir-432-5p	233.86	23.97	22.31	6.61	0	0	1.87	0	0	0	0	0	24.06	43.68	4.32	2.73	11.31	0	0	28.862	8.661	-1.7451	0.269959928	
hsa-mir-6310-3p	0	0	0	9.3	33.04	179.87	0	2.98	59.63	0	5.84	23.35	0	32.76	0	6.84	16.02	0	0	28.482	8.481	-1.7477	0.387829633	
hsa-mir-889-3p	0	47.95	14.87	0	0	0	0	0	1.97	0	0	0	16.04	0	0	0	2.83	0	0	4.478	1.887	-1.7787	0.291040503	
hsa-mir-2116-3p	0	0	0	0	0	0	0.75	119.28	0	17.51	0	0	0	0	2.73	7.54	0	6.53	0	12.001	3.431	-1.8065	0.603498285	
hsa-mir-4665-5p	0	0	0	6.61	0	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0.661	0.188	-1.8139	1	
hsa-mir-127-3p	53.97	191.8	85.52	79.28	2364.01	32.26	25.37	3190.13	140.85	527.35	23.34	93.41	1106.89	43.68	194.6	72.47	159.23	98.38	0	93.39	669.054	188.539	-1.8273	0.04335308
hsa-mir-3938	0	0	0	13.21	0	0	1.49	0	0	0	0	0	0	0	0	4.1	0	0	0	1.47	0.41	-1.8421	0.897071444	
hsa-mir-5481-3p	0	0	5.88	0	0	0	0.37	0	17.61	0	0	0	0	0	0	0	6.53	0	0	2.356	0.653	-1.8512	0.51916106	
hsa-mir-1255a	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-23a-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-3121-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-549a-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-7113-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-6884-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-6791-5p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-6818-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-1233-5p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-6755-5p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-5699-3p	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0.037	0	-1.8875	1	
hsa-mir-18a-5p	197.88	0	0	0	0	0	1.49	0	0	0	0	23.35	8.02	3.64	0	2.73	1.88	0	13.07	0	19.937	5.269	-1.9198	0.169805482
hsa-mir-5100	0	119.87	0	0	835.11	422.91	124.24	163.98	88.03	771.35	70.02	0	24.06	0	164.33	46.49	99.87	98.38	0	161.02	252.549	66.417	-1.9299	0.051928811
hsa-mir-145-5p	53.97	47.95	7.44	0	1079.22	3.58	8.95	0	0	9.84	0	70.06	136.36	3.64	0	50.59	0	0	19.5	32.2	121.095	31.245	-1.9544	0.158979501
hsa-mir-548a-3p	0	0	3.72	0	0	0	0	17.61	0	0	0	0	0	0	0	0	0	0	0	2.133	0.547	-1.9633	0.505929756	
hsa-mir-892a	0	0	16.73	52.86	0	0	5.6	0	33.45	5.84	0	0	0	0	4.1	17.9	0	0	0	10.864	2.784	-1.9643	0.13191592	
hsa-mir-7975	0	1.86	13.21	352.46	0	2.98	0	0	9.84	5.84	0	25.48	12.97	0	4.71	98.38	0	0	0	58.035	14.738	-1.9774	0.243882573	
hsa-let-7i-3p	0	0	0	12.85	3.58	0	0	0	0	0	0	0	0	0	4.1	0	0	0	0	1.643	0.41	-2.0026	0.691401879	
hsa-mir-420-5p	0	143.85	0	66.07	0	89.6	19.77	208.33	0	82.64	11.67	0	0	103.78	31.45	18.84	0	0	67.02	16.574	-2.0158	0.961484234		
hsa-mir-432a	0	0	0	12.85	0	0	0	17.61	0	1.97	0	0	0	4.32	3.77	0	0	0	0	3.809	0.985	-2.037	0.53748672	
hsa-mir-219a-1-3p	0	1.86	0	0	0	4.85	0	35.21	33.45	0	0	0	0	10.94	7.54	0	0	0	0	7.537	1.848	-2.028	0.24457012	
hsa-mir-448	0	23.97	0	0	0	0	0	0	0	5.84	0	0	0	0	0	0	0	0	0	2.397	0.584	-2.0372	1	
hsa-mir-4446-3p	0	0	0	12.85	0	2.98	0	0	41.32	0	0	0	0	0	8.2	5.65	0	0	0	5.715	1.385	-2.0449	0.27890351	
hsa-mir-6736-5p	0	0	0	0	0	0	35.21	0	0	0	0	8.02	0	0	0	0	0	0	0	3.521	0.802	-2.1343	0.565719679	
hsa-mir-6763-3p	0	0	0	0	225.79	0	0	0	0	0	0	0	0	0	1.88	49.19	0	0	0	22.579	5.107	-2.1474	0.05374868	
hsa-mir-129-2-3p	0	0	0	38.54	0	0.37	0	17.61	15.74	0	0	16.04	0	0	0	0	0	0	0	2.226	1.604	-2.1715	0.223777834	
hsa-mir-380-3p	0	23.97	0	12.85	0	0	0	0	0	0	0	8.02	0	0	0	0	0	0	0	3.682	0.802	-2.1888	0.703698885	
hsa-mir-4787-3p	0	0	0	0	0	3.36	0	15.74	0	0	0	0	0	0	4.1	0	0	0	0	1.91	0.41	-2.2199	0.368801447	
hsa-mir-1769-3p	0	0	0	0	0	10.82	0	0	0	0	0	0	1.37	0.94	0	0	0	0	0	1.082	0.231	-2.2277	0.229454919	
hsa-mir-385-3p	0	0	0	12.85	0	0	0	0	0	0	0	23.35	8.02	0	2.73	3.77	0	0	0	1.285	0.273	-2.2438	0.137	1
hsa-mir-338-3p	0	0	0	12.85	0	0	149.07	17.61	0	23.35	8.02	0	2.73	3.77	0	0	0	0	0	17.953	3.787	-2.2451	0.17070509	
hsa-mir-548a-3p	0	47.94	26.02	39.64	0	0	0.74	0	0	0	0	0	0	0	16.4	7.54	0	0	0	11.434	2.394	-2.2558	0.153707639	
hsa-mir-549a	0	23.97	13.01	19.82	0	0	0.37	0	0	0	0	0	0	0	8.2	3.77	0	0	0	5.717	1.197	-2.2558	0.167283979	
hsa-mir-1230-5p	0	0	0	6.61	0	0	0	0	0	0	0	0	0	0	1.37	0	0	0	0	0.661	0.137	-2.2705	1	
hsa-mir-2022-5p	0	0	0	6.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.661	0.137	-2.2705	1	
hsa-mir-597-3p	0	0	13.21	0	0	4.85	0	0	0	0	0	0	0	0	2.73	0.94	0	0	0	1.806	0.367	-2.2989	0.480652193	
hsa-mir-1271-5p	0	47.95	0	13.21	0	0	10.82	0	0	0	0	0	0	0	4.1	3.77	0	6.53	0	7.198	1.44	-2.3215	0.24626254	
hsa-mir-212-5p	0	0	0	167.02	3.58	0.37	0	35.21	70.84	0	0	40.1	0	12.31	2.83	0	0	0	0	27.702	5.524	-2.3262	0.101732654	
hsa-mir-144-3p	0	0	0	39.64	12.85	0	0	0	0	0	0	8.02	0	0	1.37	0.94	0	0	0	5.249	1.033	-2.3452	0.146313441	
hsa-mir-1468-5p	332.8	0	22.31	46.29	321.2	1.49	0	0	11.81	5.84	0	25.48	17.3	20.53	37.69	0	35.43	73.586	14.225	-2.371	0.7	-2.371	0.103000065	
hsa-mir-3135b	0	0	0	12.85	0	0	0	0	0	0	0	0	1.37	0.94	0	0	0	0	0	2.285	0.231	-2.4758	1	
hsa-mir-3916	35.98	0	1.86	6.61	102.78	17.92	0	0	0	11.67	0	16.04	0	0	1.37	0	0	0	0	16.515	2.908	-2.5057	0.076704372	
hsa-mir-3648	0	0	13.21	0	0	0	1132.94	0	0	0	0	0	4.32	0	0	196.76	0	0	0	114.615	20.			

hsa-mir-150-5p	0	0	0	6.61	244.11	0	18.65	74.54	17.61	11.81	11.67	0	32.08	0	0	10.94	3.77	0	0	3.22	37.333	6.168	-2.5976	0.048825646	
hsa-mir-1976	0	0	1.86	6.61	0	0	0	0	0	0	0	0	0	0	0	1.37	0	0	0	0	0.847	0.137	-2.6282	0.529664135	
hsa-mir-3591-5p	0	0	3.72	0	0	0	2.24	0	0	0	0	0	0	0	0	0	0.94	0	0	0	0.586	0.094	-2.6546	0.530499031	
hsa-mir-1298-5p	0	0	1.86	0	25.7	0	1.49	0	0	0	0	0	0	3.64	0	0	0.94	0	0	2.905	0.458	-2.6651	0.471204127		
hsa-mir-2960	2653.38	0	0	0	99.11	1451.81	114.69	5.97	26117.29	123.24	181.03	11.67	0	272.71	10.92	98.49	16.41	32.03	2656.3	6.53	1500.74	3074.652	459.38	-2.7427	0.049691001
hsa-mir-7977	0	0	0	0	0	0	35.44	0	0	21.64	0	0	0	0	4.32	2.73	0.94	0	0	5.708	0.799	-2.8367	0.041993769		
hsa-mir-5196-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-6747-5p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-6793-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-154-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-6816-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-4786-5p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-1225-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-3148	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-105a-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-6800-3p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-4424-5p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-6787-5p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-3619-5p	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0.075	0	-2.9069	1		
hsa-mir-237-3p	0	0	7.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0.94	0	0	0.744	0.094	-2.9846	0.352613532		
hsa-mir-758-3p	0	0	0	0	0	3.58	1.12	134.16	0	0	0	0	16.04	0	0	1.37	0	0	0	13.886	1.741	-2.9556	0.089438893		
hsa-mir-766-5p	0	0	0	0	0	0.37	0	17.61	21.64	0	0	0	0	0	0	0	4.71	0	0	3.962	0.471	-3.0724	0.300871232		
hsa-mir-493-3p	17.99	23.97	1.86	6.61	0	0	1.49	327.96	0	0	0	0	16.04	0	13.67	7.54	0	6.53	0	37.988	4.378	-3.1172	0.034524991		
hsa-mir-2861	0	0	0	0	0	0	0	1237.29	17.61	0	0	0	32.08	0	8.65	0	0	98.38	0	3.22	125.49	14.233	-3.1403	0.07488997	
hsa-mir-4452	17.99	0	1.86	14.21	179.87	68.1	1.87	2564.03	17.61	3.94	0	0	8.02	7.28	4.32	2.73	0.94	0	293.06	286.848	31.635	-3.1807	0.055727456		
hsa-mir-1249-3p	0	0	0	0	0	3.58	7.46	0	0	1.97	0	0	0	0	0	1.37	0	0	0	1.301	0.137	-3.2474	0.126195283		
hsa-mir-5454-5p	0	0	0	0	0	0.37	0	17.61	0	0	0	0	0	0	0	1.88	0	0	0	1.788	0.188	-3.2576	0.560064845		
hsa-mir-5486-3p	0	0	0	0	0	0	0	0	9.84	0	0	0	0	0	0	0.94	0	0	0	3.984	0.094	-3.3878	0.341382561		
hsa-mir-892c-3p	0	0	39.64	0	0	0	0	0	0	0	0	0	0	0	0	3.77	0	0	0	3.964	0.377	-3.3943	0.230318982		
hsa-mir-4417	0	0	0	14.21	0	0	0	730.45	0	0	0	0	0	0	17.3	1.37	0	49.19	0	74.396	6.786	-3.454	0.059251143		
hsa-mir-6809-5p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0	-3.4854	1		
hsa-mir-6806-3p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0	-3.4854	1		
hsa-mir-3124-3p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0	-3.4854	1		
hsa-mir-5001-3p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0	-3.4854	1		
hsa-mir-2940-3p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0	-3.4854	1		
hsa-mir-4800-3p	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	0	0	0.112	0	-3.4854	1		
hsa-mir-5006-3p	0	0	1.86	26.43	0	0	5.22	0	35.21	0	0	0	0	0	0	1.37	4.71	0	0	8.872	0.098	-3.4986	0.060184886		
hsa-mir-3124-5p	0	0	0	0	0	0	1.12	0	9.84	0	0	0	0	0	0	1.13	0.94	0	0	1.133	0.094	-3.5941	0.320843782		
hsa-mir-4634	53.97	0	0	0	25.7	0	1.87	0	0	0	0	0	0	0	0	0	0	6.44	8.154	0.644	-3.6624	0.091495953			
hsa-mir-5009-5p	0	47.95	0	0	0	0	0	0	0	0	0	0	0	0	3.64	0	0	0	0	4.795	0.364	-3.7195	0.566251392		
hsa-mir-3144-3p	0	0	0	0	0	0	2.24	0	35.21	0	0	0	0	0	0	0	0	0	0	3.745	0.283	-3.7261	0.394011498		
hsa-mir-6741-5p	0	0	0	0	0	0	0	149.07	0	0	0	0	0	0	0	5.47	5.65	0	0	14.907	1.112	-3.7448	0.111584885		
hsa-mir-5106-5p	0	0	1.86	38.54	3.58	0	0	0	0	0	0	0	0	0	0	3.22	3.98	0	3.22	33.917	2.197	-3.7717	0.267301538		
hsa-mir-3622a-5p	0	0	6.61	0	0	0	0	0	27.55	0	0	0	0	0	0	1.37	0.94	0	0	3.416	0.231	-3.8863	0.062425072		
hsa-mir-5000-3p	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0	-3.8972	1		
hsa-mir-6859-5p	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0	-3.8972	1		
hsa-mir-7854-3p	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0	-3.8972	1		
hsa-mir-183-3p	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0	-3.8972	1		
hsa-mir-3943	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0	-3.8972	1		
hsa-mir-4306	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0	-3.8972	1		
hsa-mir-5486-3p	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0	-3.8972	1		
hsa-mir-3198	0	0	0	0	0	0	1.49	0	0	0	0	0	0	0	0	0	0	0	0	0.149	0	-3.8972	1		
hsa-mir-8077-5p	71.96	47.95	5.58	0	0	193.53	20.15	0	0	0	0	0	19.14	2.83	0	0	0	0	33.917	2.197	-3.9484	0.003191811			
hsa-mir-4445-5p	0	0	0	0	0	0	0	104.35	0	0	0	0	0	0	0	0	0	6.53	0	10.435	0.653	-3.9982	0.13340138		
hsa-mir-150-3p	0	0	0	0	0	3.58	0	104.35	0	0	0	0	0	0	0	0	6.6	0	0	10.793	0.66	-4.0315	0.155960903		
hsa-mir-4521	0	0	6.61	0	2.24	14.91	0	0	0	0	0	0	0	0	0	1.37	0	0	0	2.376	0.137	-4.1163	0.182428346		
hsa-mir-885-3p	23.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	0	0	0	2.397	0.137	-4.129	0.567789299		
hsa-mir-6284	0	0	1.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.186	0	-4.2172	1		
hsa-mir-3130-5p	0	0	1.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.186	0	-4.2172	1		
hsa-mir-6872-5p	0	0	1.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.186	0	-4.2172	1		
hsa-mir-4709-5p	0	0	0	0	0	0	1.87	0	0	0	0	0	0	0	0	0	0	0	0	0.187	0	-4.225	1		
hsa-mir-3187-3p	0	0	0	0	0	0	1.87	0	0	0	0	0	0	0	0	0	0	0	0	0.187	0	-4.225	1		
hsa-mir-6882-5p	0	0	0	0	0	0	1.87	0	0	0	0	0	0	0	0	0	0	0	0	0.187	0	-4.225	1		
hsa-mir-5006-3p	0	0	0	0	0	0	1.87	0	0	0	0	0	0	0	0	0	0	0	0	0.187	0	-4.225	1		
hsa-mir-1976	0	0	0	0	0	0	1.87	0	0	0	0	0	0	0	0	0	0	0	0	0.187	0	-4.225	1		

[illegible]

[illegible]

Supplementary Table 2 – Target sequences of circRNA-83536 shRNA

shRNA

Gene	shRNAs	Target sequence
Mouse circRNA-83536	mmu_circ_0083536-shRNA_001	TCAGTGCAGGAGGCATTC
	mmu_circ_0083536-shRNA_002	AGTGCAGGAGGCATTCTTA
	mmu_circ_0083536-shRNA_003	GGAGGCATTCTTAGATTCT
Human circRNA-83536	hsa_circ_0083536-shRNA_001	TCAGTGCAGGAGGCATTC
	hsa_circ_0083536-shRNA_002	AGTGCAGGAGGCATTCTTA
	hsa_circ_0083536-shRNA_003	GGAGGCATTCTTAGATTCT

Supplementary Table 3 - Primers used in this study

Sequences of primers targeting genes for RT-qPCR

Species	Gene	Forward primer (5' to 3')	Reverse primer (5' to 3')
Human	circRNA-63401	TCCCCACCCAAGAGATTGGT	CGTCCACCATCAGGAACCTT
Mouse	circRNA-63401	GTCTGCTTTCCTTGTTGCCA	CGGTAGCTACTTTGTCCCCA
Human	circRNA-25636	AACTTGCCAGGAGGTTGTCA	TCTCCGAGCCAGTGAGAATG
Mouse	circRNA-25636	TGGATGGCGTTCAGAGGATC	GTCCTCGTAGTCCCGGTG
Human	circRNA-25640	GTTACCGTTTTGCCAGCGG	CACCGGCCAGTCACTCAAG
Mouse	circRNA-25640	AGCAGTTGACCAAAGAGCTG	GATCCTCTGAACGCCATCCA
Human	circRNA-89140	AACTTCTTCCTCACGGCAGAC	TAGCCAGTGGGACATGAACAA
Mouse	circRNA-89140	CGCTGCCAGGACAATTTCTT	GAACTGGCCTGTGTATCCCT
Human	circRNA-16780	CTTCCTCTGCCCAGCTCAC	GGGCCATCTTGCTCAGCTC
Mouse	circRNA-16780	ATGCTGGGACCATCACTCTC	TCACAGATCTGCAGCTCACA
Human	circRNA-106750	CTGTCCCTGCTTTCAGGAGGA	ATAGAGCAGCTGGACAGGAGT
Mouse	circRNA-106750	TGTTCAATTCTTGCAACCCGG	GGACACTGGATAGAGCAGCT
Human	circRNA-83531	TGTCCATTGGGTACAGTAGCG	TGAATCGCGAAAAGAAGAGGC
Mouse	circRNA-83531	AGACACTGCAGCTCCTCAAT	GTTGTGGGTGAGTTTGAGCA
Human	circRNA-17132	TGCAGCACAAAAAGAAGCTCA	TGCAGAAGAGGACTGACATCG
Mouse	circRNA-17132	TGCAGCACAAAAAGAAGCTCA	GAACAACAGAGGCCACCAGA
Human	circRNA-63400	CCACCCAAGAGATTGGTGGAA	AGGATGATGTAACTGGGACC
Mouse	circRNA-63400	TGAAGTAGACGCCTGCCTAG	ATGTATACAGGAACCCGGCG
Human	circRNA-83537	GTACCGCCGACTCTCAGAAG	GCGATCTGTACCAAGCAGGA
Mouse	circRNA-83537	GTACCGCCGACTCTCAGAAG	AGGTGAGAACGAGGGAGGAA
Human	circRNA-51317	CTCTACTCCCTGCACTGTCTT	CCACCGAAGCATTGAAGCC
Mouse	circRNA-51317	CTCTACTCCCTGCACTGTCC	GCGTTGCAATTCTCAGGACA

Human	circRNA-83536	CAGTTGTTTGACCAGTCGGC	GCGATCTGTACCAAGCAGGAT
Mouse	circRNA-83536	CAGTTGTTTGACCAGTCGGC	AGGTGAGAACGAGGGAGGAA
Rat	circRNA-83536	CATCGGGCGTTGTGAGTATG	TGGCCCTCTCAGCATTGTTA
Human	circRNA-83522	AGTTGGCCATGCTGAGCTTT	TAGGGGGTTGTTTGTGCGTG
Mouse	circRNA-83522	TGGGGATCAGGTGCAGAAAT	ATGAGGGCTTGAGTCACGAA
Human	circRNA-32230	CCTGTGGTTGTCGCTGATGT	TTCTGTGTCTGAAGGCGTCTC
Mouse	circRNA-32230	GGTTGCCAATGGACACACAT	TCTGGGTCTGAAGGCATCTC
Human	Calcr	TGCCAACCCTATCCATGCTATT	CCTTCAGGTACATGTGGGATTCC
Mouse	Calcr	GGGATTCTTTGTGGCGACTATCT	CGTTGTTGCTGATTGGAGGATTC
Rat	Calcr	GTTCTTCAGGCTCCTACCAATCT	CATCCCAAGTTCGGTTGCAATAT
Human	Gapdh	GGAGCGAGATCCCTCCAAAAT	GGCTGTTGTCATACTTCTCATGG
Mouse	Gapdh	TCAAAGGCAATCTGGCATGAAG	GAGTTGCTGTTGAAGTCGCA
Rat	Gapdh	GGAGCGAGATCCCTCCAAAAT	GGCTGTTGTCATACTTCTCATGG