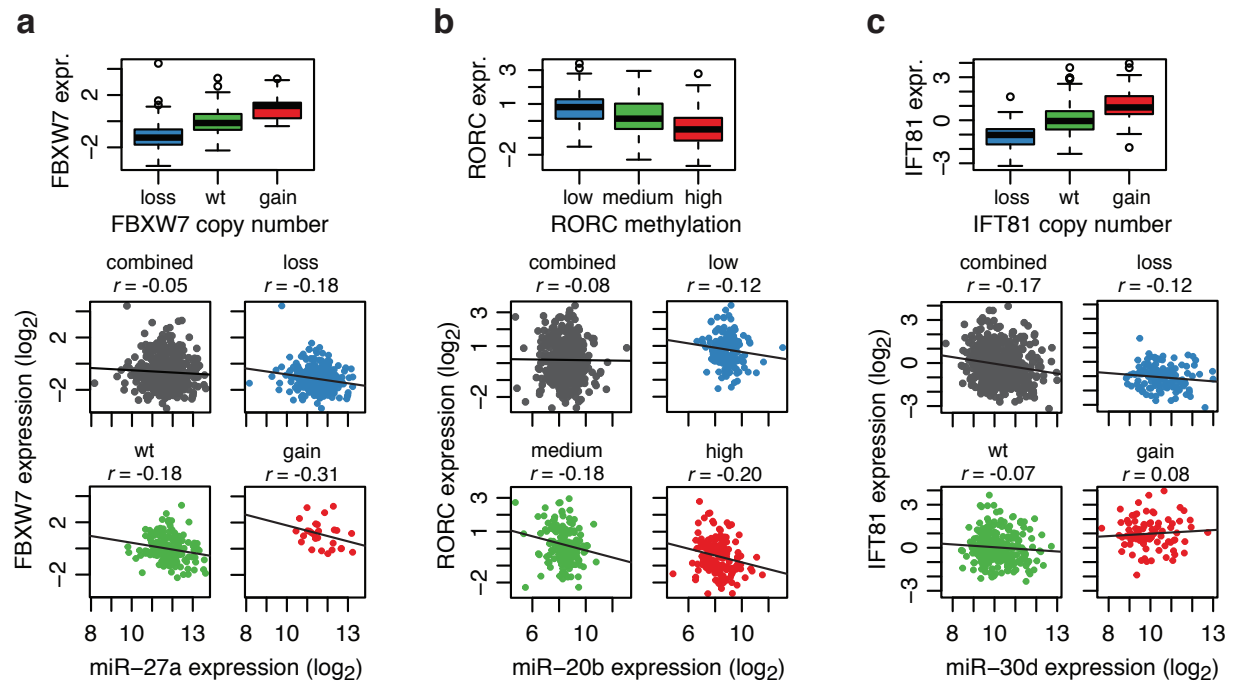
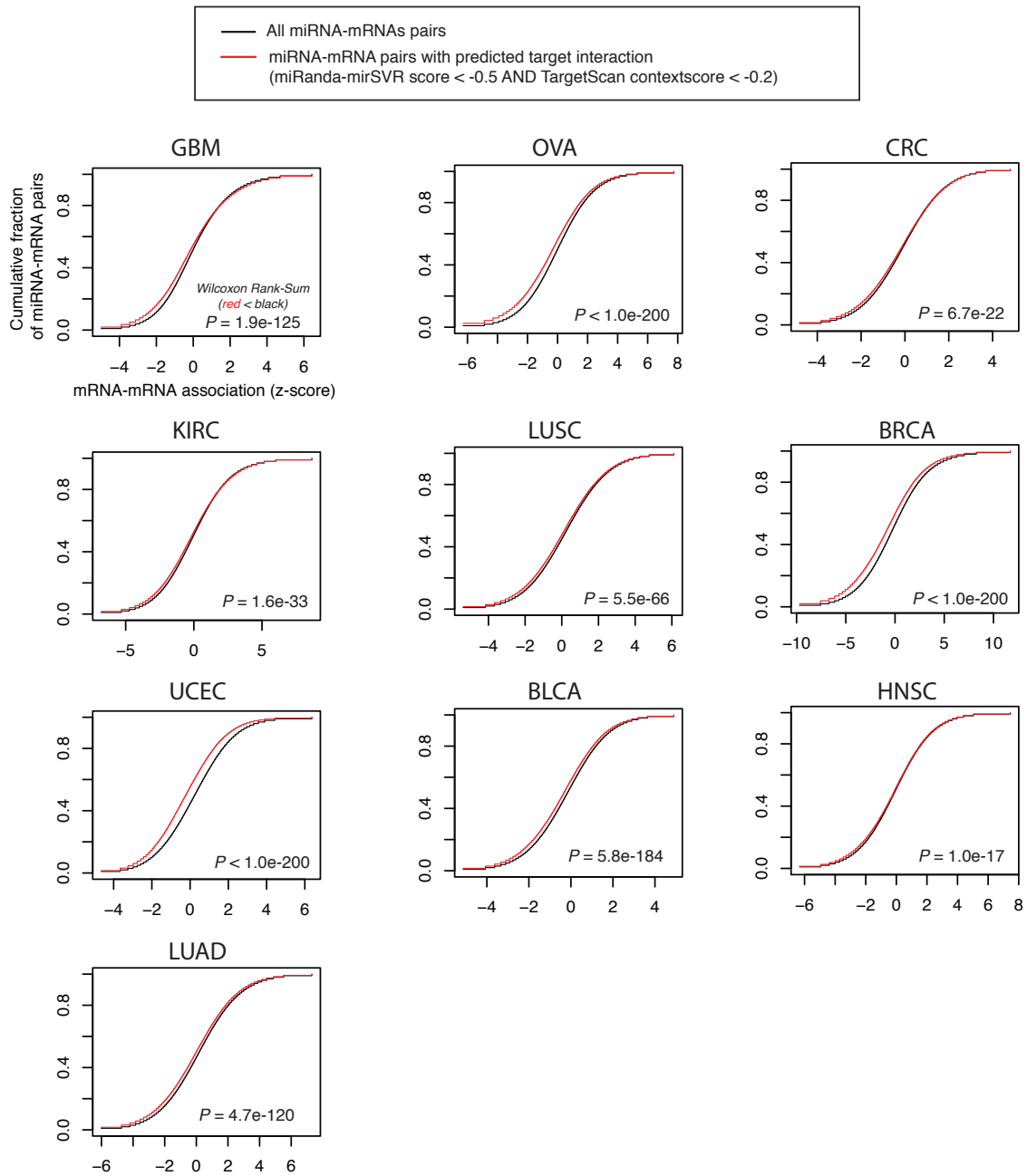


Supplemental Figure 1



Examples demonstrating confounding effects in statistical evaluation of miRNA-mRNA expression association when DNA copy number and promoter methylation aberrations extensively influence mRNA expression levels. (a) FBXW7 is a validated target of miR-27a (Hafner et al. 2010, Lerner et al. 2011). FBXW7 mRNA expression levels are strongly influenced by DNA copy number aberrations in the serous ovarian carcinoma dataset (OVA). A pairwise correlation test could not detect a negative association between miR-27a and FBXW7 expression levels (Pearson $r = -0.05$, $P = 0.21$), but the multivariate linear model also factoring in FBXW7 copy number changes detected a significant negative association ($P = 6.8e-6$). (b) RORC is an evolutionarily conserved target of miR-20b (TargetScan). RORC mRNA expression levels are strongly influenced by promoter DNA methylation aberrations in the serous ovarian carcinoma dataset (OVA). A pairwise correlation test could not detect a negative association between miR-20b and RORC expression levels (Pearson $r = -0.08$, $P = 0.07$), but the multivariate linear model also factoring in RORC DNA methylation levels detected a significant negative association ($P = 6.5e-6$). (c) IFT81 is not a predicted target of miR-30d. IFT81 mRNA expression levels are strongly influenced by promoter DNA methylation aberrations in the serous ovarian carcinoma dataset (OVA). A pairwise correlation test detected a significant negative association between miR-30d and IFT81 expression levels (Pearson $r = -0.17$, $P = 8.7e-5$), but the multivariate linear model also factoring in RORC DNA methylation levels found no association between miR-30d and IFT81 ($P = 0.08$).

Supplemental Figure 2



Cumulative distribution plots showing the relationship between predicted miRNA-mRNA target interactions and miRNA-mRNA expression association in TCGA data.

Supplemental Note

Detailed description of statistical methods.

Recurrent microRNA target interactions across diverse cancer types

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Statistical evaluation of pairwise miRNA-mRNA expression association

To avoid measuring associations related to cis-regulation of neighboring miRNAs and mRNAs (for example through regional epigenetic regulation or DNA copy number aberrations), we evaluated expression association only for pairs of miRNAs and mRNAs that were on different chromosomes or that were more than 10 Mb apart on the same chromosome. Alterations in gene DNA copy number and promoter DNA methylation will likely alter the mRNA expression level of a given gene and may introduce noise when evaluating a possible post-transcriptional regulatory interaction between a given pair of miRNA μ and the mRNA j . To account for such effects, we used a multivariate linear regression model where mRNA j expression (log2), y , change as a linear function of DNA copy number (log2 tumor/normal ratio), x_{CN} , DNA methylation (beta value, [0,1]), x_{Me} , and miRNA μ expression (log2), x_{μ} , in the n tumor samples of a given cancer type:

$$y = X\beta + \varepsilon$$

$$y_i = \beta_0 + \beta_{CN}x_{CN,i} + \beta_{Me}x_{Me,i} + \beta_{\mu}x_{\mu,i} + \varepsilon_i \quad , i = 1, \dots, n$$

In this linear model, β_0 is the intercept, β_{CN} , β_{Me} and β_{μ} are the regression coefficients for the copy number, methylation and miRNA expression variables respectively. $\varepsilon \sim N(0, \sigma^2 I)$ is a normally distributed error term. We use the ordinary least squares method to obtain an estimate for the miRNA coefficient, $\hat{\beta}_{\mu}$, and test the null hypothesis

that the expression level of miRNA μ is not associated with change in expression of mRNA j . This hypothesis can be evaluated by a t-statistic with $n-4$ degrees of freedom:

$$H_0: \beta_\mu = 0, \quad t = \frac{\hat{\beta}_\mu}{se(\hat{\beta}_\mu)}$$

We estimate $\hat{\beta}_\mu$ using ordinary least squares regression, and the standard error, $se(\hat{\beta}_\mu)$, is computed from the corresponding diagonal element of the variance-covariance matrix of $\hat{\beta}$:

$$se(\hat{\beta}_i) = \sqrt{Var(\hat{\beta})_{ii}} \quad , \quad Var(\hat{\beta}) = (\mathbf{X}^T \mathbf{X})^{-1} \sigma^2$$

Let \hat{y}_i denote the fitted mRNA expression values, then the residual variance is estimated by:

$$\hat{\sigma}^2 = \frac{\sum_{i=1}^n (y_i - \hat{y}_i)^2}{N - 4}$$

Statistical evaluation of miRNA-mRNA association recurrence across multiple cancer types

To evaluate the recurrence of a given miRNA-mRNA association across multiple cancer types we had to combine the associations measured in each individual cancer dataset. The p -value computed for individual cancer types using the linear regression model above might strongly bias associations found in single studies with large sample sizes. We also observed that the distribution of associations found for individual ubiquitously and highly expressed miRNAs varied notably between different cancer studies, which could for example be due to study dependent confounding effects such as differences in tumor heterogeneity between cancer types or the purity of tumor samples used for a given study. To account for these types of bias, we used a rank-based statistic to

evaluate the relative strength of associations in the context of a specific miRNA and cancer type. Let $L_{\mu,k}$ be the ordered (from negative to positive association) vector of associations involving miRNA μ in cancer type k . The strength of the association between miRNA μ and mRNA j in cancer type k is defined by the relative rank:

$$rr_{j,\mu,k} = \frac{r_{j,\mu,k}}{|L_{\mu,k}|} - \frac{1}{2|L_{\mu,k}|}$$

Here $r_{j,\mu,k}$ is the rank of the association between miRNA μ and mRNA j in the vector $L_{\mu,k}$. The last term is subtracted so that $rr_{j,\mu,k}$ is uniformly distributed on the interval $[0,1]$ but does not take values 0 or 1. Under the null hypothesis that that no negative association exists between miRNA μ and mRNA j across all n cancer types, we would expect the negative logarithm of the product of these uniformly distributed relative ranks to approximately follow a chi-squared distribution with $2 \times n$ degrees of freedom. This follows from Fisher's method¹, which is defined for the product of a family of independent p -values evaluating the same overall hypothesis:

$$H_0: -2 \sum_k \ln(rr_{j,\mu,k}) \sim X_{2n}^2$$

We found that the p -values computed by the chi-squared test were very similar to p -values computed by a permutation test (data now shown), however a permutation test is computationally intensive and may be ill-suited for evaluating very strong associations with correspondingly low p -values, which is especially important in a large-scale multiple testing situation. The chi-squared test evaluates the one-sided null hypothesis that no negative association exists between miRNA-mRNA pairs, the alternative one-sided hypothesis is evaluated by the same test using the inverted ranks ($|L_{\mu,k}| - r_{j,\mu,k} + 1$), and the two one-sided p -values, p_- and p_+ , are multiplied by a factor 2 to adjust for multiple testing. For a given pair of miRNA μ and mRNA j with measurements in at least

half of the cancer types (≥ 5), we define the cross-cancer association recurrence score, REC, as the signed logarithm of these p -values:

$$REC_{\mu,j} = \begin{cases} \log_{10}(2 \times p_-) & , \text{if } p_- < p_+ \\ -\log_{10}(2 \times p_+) & , \text{if } p_+ < p_- \\ 0 & , \text{if } p_- = p_+ \end{cases}$$

To address the multiple testing problem, we sorted p -values for associations of all N miRNA-mRNA pairs in ascending order, and used the Benjamini-Hochberg method to estimate the proportion of false discoveries for the p -value at index i ³⁶:

$$q_{(i)} = \left\{ p_{(i)} \frac{N}{i}, q_{(i+1)} \right\}_{\min}$$

References

1. Fisher, R. A. Combining independent tests of significance. *The American Statistician* **2**, 30–31 (1948).

Supplemental Table 1

Inferred pan-cancer candidate miRNA target interactions.

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miRNA-mRNA pairs significantly associated across all cancer types (REC score < -6.2 , FDR < 2e-4). Interactions in the pan-cancer network are further required to have predicted target interaction by miRanda-miRSVR (score < -0.5) AND TargetScan (contextscore < -0.2), and must also have strong evidence for conservation (Targetscan pct score > 0.5).

miRNA	mRNA	REC score	miRanda-miRSVR	Targetscan contextscore	Targetscan pct score (conservation)	Evolutionarily conserved interactions included in pan-cancer network
hsa-miR-29b	NREP	-19.62	1.23	0.37	0.87	TRUE
hsa-miR-30b	SEC23A	-15.35	1.93	0.60	0.89	TRUE
hsa-miR-29a	TDG	-14.85	2.41	0.59	0.75	TRUE
hsa-miR-29a	TAF11	-12.60	1.66	0.54	0.51	TRUE
hsa-miR-200c	ZCCHC24	-11.20	0.92	0.36	0.92	TRUE
hsa-miR-200c	ZEB1	-10.83	5.39	0.79	0.95	TRUE
hsa-miR-429	ZEB1	-10.82	5.43	0.79	0.95	TRUE
hsa-miR-30c	FAP	-10.66	1.30	0.50	0.69	TRUE
hsa-miR-22	PRPF38A	-10.58	0.68	0.43	0.82	TRUE
hsa-miR-19a	ZBTB4	-10.52	1.89	0.42	0.97	TRUE
hsa-miR-18a	CREBL2	-10.51	1.03	0.47	0.57	TRUE
hsa-miR-106a	AHNAK	-10.51	1.35	0.46	0.93	TRUE
hsa-miR-29b	UBTD2	-10.06	0.64	0.24	0.80	TRUE
hsa-miR-200c	ZFPM2	-10.00	2.13	0.77	0.80	TRUE
hsa-miR-29b	TET1	-9.96	1.67	0.69	1.00	TRUE
hsa-miR-130a	ACBD5	-9.92	1.25	0.51	0.72	TRUE
hsa-miR-429	ZEB2	-9.91	6.72	2.13	1.00	TRUE
hsa-miR-106a	FYCO1	-9.86	1.81	1.04	0.98	TRUE
hsa-miR-32	MSRB3	-9.80	0.59	0.57	0.88	TRUE
hsa-miR-106b	TGFBR2	-9.80	1.52	0.65	0.97	TRUE
hsa-miR-135b	C6orf120	-9.73	1.27	0.45	0.92	TRUE
hsa-miR-17	FYCO1	-9.67	1.81	1.04	0.98	TRUE
hsa-miR-130b	ZBTB4	-9.66	1.78	0.39	0.94	TRUE
hsa-miR-19a	ARHGAP1	-9.50	0.71	0.22	0.90	TRUE
hsa-miR-200c	LHFP	-9.43	2.54	0.78	0.74	TRUE
hsa-miR-26a	SFXN1	-9.39	1.22	0.39	0.75	TRUE
hsa-miR-200b	RECK	-9.28	2.61	0.95	0.95	TRUE
hsa-miR-429	ZFPM2	-9.26	2.11	0.77	0.80	TRUE

hsa-miR-106b	FYCO1	-9.23	1.81	1.04	0.98	TRUE
hsa-miR-200b	ZEB1	-9.23	5.40	0.79	0.95	TRUE
hsa-miR-29a	NREP	-9.19	1.23	0.37	0.87	TRUE
hsa-miR-30d	SEC23A	-9.18	1.93	0.60	0.89	TRUE
hsa-miR-200c	RECK	-9.10	2.60	0.95	0.95	TRUE
hsa-miR-200b	ZFPM2	-9.09	2.13	0.77	0.80	TRUE
hsa-miR-200b	SYDE1	-8.92	1.02	0.34	0.91	TRUE
hsa-miR-106b	AHNAK	-8.83	1.35	0.46	0.93	TRUE
hsa-miR-26a	MAPK6	-8.75	1.37	0.52	0.64	TRUE
hsa-miR-29c	NREP	-8.71	1.23	0.37	0.87	TRUE
hsa-miR-30d	FAP	-8.63	1.30	0.50	0.69	TRUE
hsa-miR-17	ZBTB4	-8.61	1.67	0.54	0.98	TRUE
hsa-miR-200b	ZCCHC24	-8.54	0.92	0.36	0.92	TRUE
hsa-miR-429	SEC23A	-8.52	3.08	0.84	0.91	TRUE
hsa-miR-106a	ZNFX1	-8.46	2.78	1.17	1.00	TRUE
hsa-miR-429	OSTM1	-8.34	1.40	0.65	0.57	TRUE
hsa-miR-200b	SEC23A	-8.34	2.61	0.84	0.91	TRUE
hsa-miR-200a	ZEB2	-8.34	3.35	1.05	0.83	TRUE
hsa-miR-106a	SYNE1	-8.33	1.09	0.33	0.65	TRUE
hsa-miR-29c	TET1	-8.28	1.71	0.69	1.00	TRUE
hsa-miR-30d	CTHRC1	-8.24	1.18	0.47	0.61	TRUE
hsa-miR-30a	MYBL2	-8.24	0.71	0.32	0.82	TRUE
hsa-miR-20a	FYCO1	-8.20	1.81	1.04	0.98	TRUE
hsa-miR-17	EFCAB14	-8.18	1.64	0.52	0.99	TRUE
hsa-miR-429	RECK	-8.15	2.77	0.95	0.95	TRUE
hsa-miR-20a	CTSA	-8.08	0.94	0.37	0.71	TRUE
hsa-miR-30c	SEC23A	-8.00	1.93	0.60	0.89	TRUE
hsa-miR-106a	EFCAB14	-7.96	1.64	0.52	0.99	TRUE
hsa-miR-141	ZEB2	-7.85	3.34	1.05	0.83	TRUE
hsa-miR-17	ARHGAP1	-7.84	1.11	0.33	0.90	TRUE
hsa-miR-106b	ZBTB4	-7.77	1.67	0.54	0.98	TRUE
hsa-miR-200b	CRTAP	-7.76	0.51	0.45	0.77	TRUE
hsa-miR-429	MCFD2	-7.75	2.05	0.96	0.68	TRUE
hsa-miR-429	ZCCHC24	-7.73	0.93	0.36	0.92	TRUE
hsa-miR-200b	OSTM1	-7.67	1.36	0.65	0.57	TRUE
hsa-miR-20a	ARHGAP1	-7.59	1.11	0.33	0.90	TRUE
hsa-miR-106b	MMP2	-7.57	1.13	0.46	0.55	TRUE
hsa-miR-106b	ARHGAP1	-7.53	1.11	0.33	0.90	TRUE
hsa-miR-106b	JAK1	-7.48	1.11	0.35	0.90	TRUE
hsa-miR-106b	SYNE1	-7.47	1.09	0.33	0.65	TRUE
hsa-miR-142-3p	MYH10	-7.43	1.10	0.32	0.84	TRUE
hsa-miR-130b	ARHGAP1	-7.41	1.00	0.36	0.89	TRUE
hsa-miR-429	WIPF1	-7.41	3.56	1.04	0.99	TRUE
hsa-miR-30a	TDG	-7.39	0.69	0.28	0.86	TRUE
hsa-miR-429	CRTAP	-7.36	0.52	0.45	0.77	TRUE

hsa-miR-27a	CCNG1	-7.31	1.23	0.60	0.77	TRUE
hsa-miR-19b	ARHGAP1	-7.30	0.71	0.22	0.90	TRUE
hsa-miR-301a	ARHGAP1	-7.27	0.99	0.36	0.89	TRUE
hsa-miR-200a	TSHZ3	-7.25	1.96	0.55	0.52	TRUE
hsa-miR-106b	EFCAB14	-7.21	1.66	0.52	0.99	TRUE
hsa-miR-200b	ZEB2	-7.20	6.73	2.13	1.00	TRUE
hsa-miR-200c	SYDE1	-7.15	1.02	0.34	0.91	TRUE
hsa-miR-29c	WASF1	-7.12	0.89	0.23	0.58	TRUE
hsa-miR-30b	FAP	-7.09	1.30	0.50	0.69	TRUE
hsa-miR-148a	MTMR9	-7.07	0.58	0.72	0.96	TRUE
hsa-miR-141	TSHZ3	-7.00	1.96	0.55	0.52	TRUE
hsa-miR-93	SYNE1	-6.99	1.09	0.33	0.65	TRUE
hsa-miR-17	CTSA	-6.99	0.94	0.37	0.71	TRUE
hsa-miR-429	MYLK	-6.95	1.35	0.39	0.58	TRUE
hsa-miR-15b	SPRYD3	-6.94	0.53	0.47	0.96	TRUE
hsa-miR-30e	SEC23A	-6.91	1.92	0.60	0.89	TRUE
hsa-miR-29b	TDG	-6.88	2.41	0.59	0.75	TRUE
hsa-miR-93	TGFBR2	-6.87	1.52	0.65	0.97	TRUE
hsa-miR-200c	KANK2	-6.87	0.73	0.36	0.91	TRUE
hsa-miR-200a	NRP1	-6.85	1.09	0.37	0.74	TRUE
hsa-miR-106a	CRIM1	-6.84	1.27	0.24	0.76	TRUE
hsa-miR-200b	TIMP2	-6.84	1.10	0.60	0.87	TRUE
hsa-miR-106a	ZBTB4	-6.80	1.67	0.54	0.98	TRUE
hsa-miR-200c	FSTL1	-6.77	0.50	0.25	0.58	TRUE
hsa-miR-17	ZNFX1	-6.76	2.78	1.17	1.00	TRUE
hsa-let-7b	LIN28B	-6.71	1.18	1.12	1.00	TRUE
hsa-miR-18a	ESR1	-6.70	1.09	0.68	0.81	TRUE
hsa-miR-106b	TNS1	-6.70	0.75	0.25	0.90	TRUE
hsa-miR-29c	TDG	-6.68	2.41	0.59	0.75	TRUE
hsa-miR-130b	ESR1	-6.67	0.84	0.76	0.89	TRUE
hsa-miR-106b	DAB2	-6.64	1.14	0.29	0.84	TRUE
hsa-miR-106a	JAK1	-6.61	1.11	0.35	0.90	TRUE
hsa-miR-17	ST6GALNAC	-6.60	0.66	0.32	0.66	TRUE
hsa-miR-16	SPRYD3	-6.60	0.57	0.47	0.96	TRUE
hsa-miR-19b	ZBTB4	-6.60	1.89	0.42	0.97	TRUE
hsa-miR-21	PDCD4	-6.57	1.21	0.44	0.67	TRUE
hsa-miR-92a	DNAJB9	-6.57	1.48	0.42	0.96	TRUE
hsa-miR-200b	LHFP	-6.57	2.54	0.78	0.74	TRUE
hsa-miR-30e	ITGA5	-6.57	0.91	0.30	0.69	TRUE
hsa-miR-200b	MCFD2	-6.56	2.04	0.96	0.68	TRUE
hsa-miR-429	SYDE1	-6.55	1.02	0.34	0.91	TRUE
hsa-miR-20a	ST6GALNAC	-6.54	0.65	0.32	0.66	TRUE
hsa-miR-20a	EFCAB14	-6.51	2.50	0.52	0.99	TRUE
hsa-miR-20b	AHNAK	-6.51	1.35	0.46	0.93	TRUE
hsa-miR-429	JAZF1	-6.50	1.22	0.43	0.83	TRUE

hsa-miR-15b	MYLK	-6.49	1.20	0.45	0.67	TRUE
hsa-miR-29a	TET1	-6.45	1.71	0.69	1.00	TRUE
hsa-miR-30d	MAP4K4	-6.45	0.98	0.46	0.96	TRUE
hsa-miR-200b	FSTL1	-6.43	0.50	0.25	0.58	TRUE
hsa-miR-93	RORC	-6.42	1.19	0.36	0.83	TRUE
hsa-miR-200c	OSTM1	-6.39	1.62	0.65	0.57	TRUE
hsa-miR-17	TXNIP	-6.38	1.91	0.65	0.98	TRUE
hsa-miR-20a	DAB2	-6.37	1.14	0.29	0.84	TRUE
hsa-miR-429	FEZ2	-6.37	1.56	0.73	0.97	TRUE
hsa-miR-19a	CREBL2	-6.35	0.72	0.29	0.65	TRUE
hsa-miR-590-5p	TIMP3	-6.35	0.57	0.43	0.78	TRUE
hsa-miR-20a	ZBTB4	-6.35	1.67	0.54	0.98	TRUE
hsa-miR-30e	MAP4K4	-6.34	0.98	0.46	0.96	TRUE
hsa-miR-17	DAB2	-6.33	1.14	0.29	0.84	TRUE
hsa-miR-30c	PRDM1	-6.33	1.73	0.91	0.97	TRUE
hsa-miR-16	MYLK	-6.31	1.20	0.45	0.67	TRUE
hsa-miR-16	RECK	-6.29	1.31	0.44	0.88	TRUE
hsa-miR-17	ENPP5	-6.29	2.50	0.92	0.98	TRUE
hsa-miR-301b	ARHGAP1	-6.27	0.99	0.36	0.89	TRUE
hsa-miR-200b	KIAA1462	-6.26	1.17	0.72	0.93	TRUE
hsa-miR-33b	CACNA1C	-6.25	0.66	0.41	0.55	TRUE
hsa-miR-19b	EFR3A	-6.25	1.07	0.26	0.53	TRUE
hsa-miR-17	ZBTB47	-6.23	0.93	0.23	0.97	TRUE
hsa-miR-30e	P4HA2	-6.21	1.14	0.45	0.51	TRUE
hsa-let-7b	ARID3B	-6.20	1.02	0.72	1.00	TRUE
hsa-miR-18a	ZBTB4	-15.3586	-1.1649	-0.243	0.4421	FALSE
hsa-miR-31*	STK40	-15.1749				FALSE
hsa-miR-31	STK40	-15.0814	-0.2505	-0.247	0.7637	FALSE
hsa-miR-141	ZEB1	-15.0752	-3.3949			FALSE
hsa-miR-22	RBMX	-13.9982				FALSE
hsa-miR-200c	CNRIP1	-13.7368				FALSE
hsa-miR-22*	EPC2	-13.5189				FALSE
hsa-miR-141	CNRIP1	-13.2816	-0.5887	-0.145	0.1667	FALSE
hsa-miR-18a	EFCAB14	-12.4222		-0.088		FALSE
hsa-miR-301a	MVP	-12.3275				FALSE
hsa-miR-130b	CARD6	-12.3266				FALSE
hsa-miR-141	ZCCHC24	-12.2321	-0.3359	-0.514	0.7776	FALSE
hsa-miR-200c*	ZEB1	-12.1198				FALSE
hsa-miR-141	BNC2	-12.0933		-0.436	0.574	FALSE
hsa-miR-200c	GLT8D2	-11.9598				FALSE
hsa-miR-1296	ISG20	-11.954				FALSE
hsa-miR-18a	CBX7	-11.8581		-0.116		FALSE
hsa-miR-18a	SSPN	-11.8202				FALSE
hsa-miR-379	ULK3	-11.8187				FALSE
hsa-miR-141*	ZCCHC24	-11.711				FALSE

hsa-miR-125a-5p	RRM2	-11.7019	-0.2392	-0.282	0.0582	FALSE
hsa-miR-200b*	CNRIP1	-11.6128				FALSE
hsa-miR-18a	FYCO1	-11.5411				FALSE
hsa-miR-141	MSRB3	-11.459	-0.6411	-0.21	0.3086	FALSE
hsa-let-7e*	ISG20	-11.4326				FALSE
hsa-miR-200a	FAP	-11.4175	-0.9784	-0.301	0.1737	FALSE
hsa-miR-17	TNFSF12	-11.4137	-0.5327			FALSE
hsa-miR-200b*	TGFB11	-11.3592				FALSE
hsa-miR-19a	FYCO1	-11.3498				FALSE
hsa-miR-210	EMCN	-11.31				FALSE
hsa-miR-200c*	CNRIP1	-11.2796				FALSE
hsa-miR-200b*	RECK	-11.2776				FALSE
hsa-miR-200a	CNRIP1	-11.2412	-0.4332	-0.145	0.1667	FALSE
hsa-miR-19b-1*	ZCCHC24	-11.186				FALSE
hsa-miR-200b	FAP	-11.1301				FALSE
hsa-miR-183	DPYD	-11.1291				FALSE
hsa-miR-200b	EMP3	-11.1253				FALSE
hsa-miR-92a	TNFSF12	-11.1163				FALSE
hsa-miR-200b	CNRIP1	-11.089				FALSE
hsa-miR-200a*	TGFB11	-11.0806				FALSE
hsa-miR-127-3p	ULK3	-11.055				FALSE
hsa-miR-3614-5p	UNC119B	-11.0197				FALSE
hsa-miR-200a	ZEB1	-11.0121	-3.3988			FALSE
hsa-miR-30d*	COL5A2	-11.004				FALSE
hsa-miR-3614-5p	FAM172A	-10.9415				FALSE
hsa-miR-210	TNXB	-10.8998				FALSE
hsa-miR-101*	ENTPD7	-10.8928				FALSE
hsa-miR-200a*	FERMT2	-10.8648				FALSE
hsa-miR-200c*	PCOLCE	-10.862				FALSE
hsa-miR-181c*	SQRDL	-10.8152				FALSE
hsa-miR-200b*	FERMT2	-10.8069				FALSE
hsa-miR-200c*	TGFB11	-10.7932				FALSE
hsa-miR-7-1*	MXRA8	-10.7294				FALSE
hsa-miR-30d*	FAP	-10.684				FALSE
hsa-miR-30d*	COL1A2	-10.6683				FALSE
hsa-miR-106b	LRP10	-10.6599				FALSE
hsa-miR-30d*	CTHRC1	-10.6555				FALSE
hsa-miR-29c	TMEFF1	-10.6322	-1.2416	-0.322	0.0187	FALSE
hsa-miR-192	PTRF	-10.6114				FALSE
hsa-miR-30a	CENPE	-10.6068	-0.1124			FALSE
hsa-miR-93	MVP	-10.5746				FALSE
hsa-miR-30d*	COL6A2	-10.5517				FALSE
hsa-miR-200b	IKBIP	-10.5328				FALSE
hsa-miR-651	SPARCL1	-10.5327				FALSE
hsa-miR-200b	TGFB11	-10.5233				FALSE

hsa-miR-200c*	ZCCHC24	-10.5171				FALSE
hsa-miR-590-5p	SYNE1	-10.5015		-0.094		FALSE
hsa-miR-17	CBX7	-10.4988		-0.062		FALSE
hsa-miR-20a	TNFSF12	-10.4896	-0.5327			FALSE
hsa-miR-200a	TGFB11	-10.4803				FALSE
hsa-miR-22*	RSBN1	-10.4792				FALSE
hsa-miR-21	LYRM7	-10.4744	-0.6264	-0.693	0.0574	FALSE
hsa-miR-18a	CTSO	-10.4673				FALSE
hsa-miR-141	ZFPM2	-10.4605	-0.4754	-0.319	0.1743	FALSE
hsa-miR-96	DPYD	-10.4596	-1.132	-0.46		FALSE
hsa-miR-200b*	NEXN	-10.4541				FALSE
hsa-miR-200a	MSRB3	-10.4258	-0.6411	-0.21	0.3086	FALSE
hsa-miR-212	PGAP3	-10.4174				FALSE
hsa-miR-30d*	HTRA3	-10.417				FALSE
hsa-miR-16-2*	ECM2	-10.4039				FALSE
hsa-miR-30a*	RRM2	-10.3678				FALSE
hsa-miR-181d	SQRDL	-10.3598				FALSE
hsa-miR-152	ING5	-10.3501				FALSE
hsa-miR-200b*	MSRB3	-10.3347				FALSE
hsa-miR-200c*	MSRB3	-10.3283				FALSE
hsa-miR-210	CCL14	-10.327				FALSE
hsa-miR-210	SDPR	-10.3111				FALSE
hsa-miR-141*	PCOLCE	-10.3097				FALSE
hsa-miR-425*	MSRB3	-10.3051				FALSE
hsa-miR-141*	LHFP	-10.297				FALSE
hsa-miR-194*	MMP2	-10.2956				FALSE
hsa-miR-130a	FAM120A	-10.2772				FALSE
hsa-miR-532-5p	ITGA3	-10.2755				FALSE
hsa-miR-301b	CARD6	-10.2703				FALSE
hsa-miR-200a	FBN1	-10.268				FALSE
hsa-miR-92a	2-Mar	-10.2391				FALSE
hsa-miR-30c	COL5A2	-10.2371	-0.3033	-0.233		FALSE
hsa-miR-200a*	ZCCHC24	-10.2275				FALSE
hsa-miR-200c*	GLT8D2	-10.2252				FALSE
hsa-miR-18a	PBXIP1	-10.1946				FALSE
hsa-miR-200b*	FAP	-10.1764				FALSE
hsa-miR-200a	RECK	-10.1296				FALSE
hsa-miR-200a	ZCCHC24	-10.1159	-0.3375	-0.514	0.7776	FALSE
hsa-miR-3614-5p	CMTM4	-10.1108				FALSE
hsa-miR-200b*	ZEB1	-10.1093				FALSE
hsa-miR-17	IL1R1	-10.0946		-0.118		FALSE
hsa-miR-18a	LRP10	-10.0885				FALSE
hsa-miR-200a*	CNRIP1	-10.0753				FALSE
hsa-miR-200b*	ZCCHC24	-10.0604				FALSE
hsa-miR-141	LHFP	-10.0566	-2.3479	-0.663	0.3113	FALSE

hsa-miR-7-1*	DACT3	-10.0562				FALSE
hsa-miR-200a*	RECK	-10.0525				FALSE
hsa-miR-200b*	SYDE1	-10.0409				FALSE
hsa-miR-23a	STRADB	-10.0093				FALSE
hsa-miR-200c*	LHFP	-10.0053				FALSE
hsa-miR-200c	MSRB3	-9.99191				FALSE
hsa-miR-200a	FERMT2	-9.98788				FALSE
hsa-miR-1307	TNFSF12	-9.98233				FALSE
hsa-miR-200a*	SYDE1	-9.97645				FALSE
hsa-miR-200a	COL5A2	-9.97331	-0.1598			FALSE
hsa-miR-590-5p	CACNA1C	-9.96387		-0.0848	0.0574	FALSE
hsa-miR-429	C1R	-9.96245				FALSE
hsa-miR-106b*	TMBIM4	-9.95895				FALSE
hsa-miR-30d*	SEC23A	-9.95664				FALSE
hsa-miR-141*	MSRB3	-9.93889				FALSE
hsa-miR-200c*	JAM3	-9.9352				FALSE
hsa-miR-7-1*	CNN1	-9.93296				FALSE
hsa-miR-96	DAB2	-9.92979	-0.872	-0.362		FALSE
hsa-miR-181c	RRM2	-9.92789				FALSE
hsa-miR-1307	MGP	-9.91983				FALSE
hsa-miR-200c*	BGN	-9.91807				FALSE
hsa-miR-1266	SNAI2	-9.81471				FALSE
hsa-miR-141*	BGN	-9.81307				FALSE
hsa-miR-92a	CTSA	-9.80873				FALSE
hsa-miR-130b	CBX7	-9.79591				FALSE
hsa-miR-30e*	FAP	-9.79587				FALSE
hsa-miR-409-3p	TMEM80	-9.78744				FALSE
hsa-miR-194	MMP2	-9.78256				FALSE
hsa-miR-200c	BNC2	-9.77942		-0.542	0.9253	FALSE
hsa-miR-183	GIMAP1	-9.77016				FALSE
hsa-miR-19b	IL1R1	-9.76172	-0.4659	-0.188	0.4366	FALSE
hsa-miR-194*	HTRA1	-9.76038				FALSE
hsa-miR-22	GKAP1	-9.75559				FALSE
hsa-miR-200b	AXL	-9.74885				FALSE
hsa-miR-148b	COL6A3	-9.74426	-0.7654	-0.272	0.2389	FALSE
hsa-miR-200a*	MSRB3	-9.73898				FALSE
hsa-miR-200c	EMP3	-9.73543				FALSE
hsa-miR-30b*	FAP	-9.73107				FALSE
hsa-miR-200a	CFL2	-9.71934	-0.6882	-0.226	0.1812	FALSE
hsa-miR-18a	CYBRD1	-9.71698				FALSE
hsa-miR-200b	GFPT2	-9.70496				FALSE
hsa-miR-148b	PTRF	-9.70303				FALSE
hsa-miR-15a	SPON1	-9.69469				FALSE
hsa-miR-192	COL5A1	-9.69266		-0.068	0.2638	FALSE
hsa-miR-429	QKI	-9.6925	-2.9857	-0.426	0.2196	FALSE

hsa-miR-200a*	CRTAP	-9.68805					FALSE
hsa-miR-200a	SEC23A	-9.67529	-1.0349	-0.433			FALSE
hsa-miR-30d	ARSI	-9.67197					FALSE
hsa-miR-30d*	GLT8D2	-9.67008					FALSE
hsa-miR-200b	GLT8D2	-9.66597					FALSE
hsa-miR-22	ING5	-9.6526		-0.104			FALSE
hsa-miR-200a	GFPT2	-9.64234					FALSE
hsa-miR-194*	CNN1	-9.63601					FALSE
hsa-miR-200a	GLT8D2	-9.62976					FALSE
hsa-miR-30d*	COL5A1	-9.62758					FALSE
hsa-miR-20a	IL1R1	-9.62643		-0.118			FALSE
hsa-miR-210	PTPRB	-9.6231					FALSE
hsa-miR-130b	C3	-9.62123					FALSE
hsa-miR-200b*	AXL	-9.61978					FALSE
hsa-miR-200c*	RECK	-9.60626					FALSE
hsa-miR-101	RRM2	-9.59698					FALSE
hsa-miR-200b	MSRB3	-9.58548					FALSE
hsa-miR-130b	MVP	-9.5799					FALSE
hsa-miR-16-2*	OGN	-9.56758					FALSE
hsa-miR-15b	SPON1	-9.56295					FALSE
hsa-miR-16-2*	SPARCL1	-9.54842					FALSE
hsa-miR-125a-5p	KIAA0101	-9.53931					FALSE
hsa-miR-21*	NRIP2	-9.53716					FALSE
hsa-miR-16-2*	LDB2	-9.52419					FALSE
hsa-miR-379	NFATC2IP	-9.51504					FALSE
hsa-miR-181a-2*	SOD2	-9.50703					FALSE
hsa-miR-200c	PMP22	-9.50024	-1.1518	-0.273			FALSE
hsa-miR-148b	COL1A2	-9.49683					FALSE
hsa-miR-151-5p	LYPD3	-9.49652					FALSE
hsa-miR-194	EHD2	-9.491					FALSE
hsa-miR-429	AXL	-9.48958					FALSE
hsa-miR-17	PBXIP1	-9.48321		-0.201			FALSE
hsa-miR-194	TNC	-9.48114					FALSE
hsa-miR-29c	FAM64A	-9.48085					FALSE
hsa-miR-16-2*	MRVI1	-9.48012					FALSE
hsa-miR-200c*	DACT3	-9.47702					FALSE
hsa-miR-502-3p	CTHRC1	-9.47083					FALSE
hsa-miR-429	FERMT2	-9.46949	-0.7094	-0.239	0.1485		FALSE
hsa-miR-200b	CFL2	-9.46648	-1.3939	-0.708	0.2067		FALSE
hsa-miR-30e*	ITGA5	-9.46368					FALSE
hsa-miR-15b*	ECM2	-9.45742					FALSE
hsa-miR-200c	PCOLCE	-9.45075					FALSE
hsa-miR-16-2*	LMOD1	-9.44654					FALSE
hsa-miR-200b	PTRF	-9.44453					FALSE
hsa-miR-200b*	CFL2	-9.44327					FALSE

hsa-miR-200b*	CALD1	-9.43568				FALSE
hsa-miR-141*	CNRIP1	-9.42884				FALSE
hsa-miR-200a	AXL	-9.42808				FALSE
hsa-miR-301a	AHNAK	-9.42155				FALSE
hsa-miR-143	ULK3	-9.42134		-0.025	0.1101	FALSE
hsa-miR-200a	BNC2	-9.42107		-0.436	0.574	FALSE
hsa-miR-141*	RECK	-9.42069				FALSE
hsa-miR-210	OGN	-9.41973				FALSE
hsa-miR-186	CNN1	-9.40521				FALSE
hsa-miR-7-1*	LMOD1	-9.39343				FALSE
hsa-miR-942	DACT3	-9.39297				FALSE
hsa-miR-141	RECK	-9.38943				FALSE
hsa-miR-106b	MVP	-9.38929				FALSE
hsa-miR-22*	SHPRH	-9.38431				FALSE
hsa-miR-181c	TK1	-9.37828				FALSE
hsa-miR-629*	MYH11	-9.35761				FALSE
hsa-miR-101	ANLN	-9.35723				FALSE
hsa-miR-183	GIMAP8	-9.356				FALSE
hsa-miR-25	MVP	-9.35143				FALSE
hsa-miR-101	KPNA2	-9.34148	-0.1337	-0.251		FALSE
hsa-miR-141*	GLT8D2	-9.33627				FALSE
hsa-miR-32	COL3A1	-9.33491				FALSE
hsa-miR-30d*	COL3A1	-9.33375				FALSE
hsa-miR-192*	TNC	-9.33283				FALSE
hsa-miR-96	SYNE1	-9.33275				FALSE
hsa-miR-32	CALD1	-9.32297	-0.195	-0.208		FALSE
hsa-miR-15b*	OGN	-9.32029				FALSE
hsa-miR-301b	MVP	-9.31655				FALSE
hsa-miR-200b	GLIPR1	-9.31126				FALSE
hsa-miR-429	MSRB3	-9.3078				FALSE
hsa-miR-7-1*	BGN	-9.30734				FALSE
hsa-miR-92a	ST6GALNAC	-9.30178				FALSE
hsa-miR-223	ZNF821	-9.29696				FALSE
hsa-miR-192	EHD2	-9.29293				FALSE
hsa-miR-429	FAP	-9.28872				FALSE
hsa-miR-18a	TXNIP	-9.28364		-0.037	0.1175	FALSE
hsa-miR-15b*	SPARCL1	-9.28328				FALSE
hsa-miR-16-2*	PODN	-9.28118				FALSE
hsa-miR-21	ANKRD46	-9.2721	-0.8446	-0.408	0.1115	FALSE
hsa-miR-200a	FN1	-9.26574				FALSE
hsa-miR-223	USP30	-9.25917				FALSE
hsa-miR-19a	SSPN	-9.25215				FALSE
hsa-miR-194*	DACT3	-9.2489				FALSE
hsa-miR-200c	GNG11	-9.24428				FALSE
hsa-miR-32	COL6A3	-9.24421	-0.5442			FALSE

hsa-miR-194*	MSRB3	-9.2425				FALSE
hsa-miR-1307	PLAC9	-9.24204				FALSE
hsa-miR-200c	TGFB111	-9.24121				FALSE
hsa-miR-30c	COL6A3	-9.24007	-0.5559			FALSE
hsa-miR-589	CALCOCO1	-9.23871				FALSE
hsa-miR-429	CALD1	-9.23456	-0.2497	-0.111		FALSE
hsa-miR-15b	MXRA8	-9.23296				FALSE
hsa-miR-429	NEXN	-9.23244				FALSE
hsa-miR-769-5p	MVP	-9.23147				FALSE
hsa-miR-200b	GAS1	-9.22772				FALSE
hsa-miR-148b	COL5A1	-9.22138				FALSE
hsa-miR-660	TGFB111	-9.2109				FALSE
hsa-miR-192	COL6A3	-9.20903				FALSE
hsa-miR-200c*	AEBP1	-9.20725				FALSE
hsa-miR-194	MSRB3	-9.20713	-0.5321	-0.233		FALSE
hsa-miR-532-5p	PMEPA1	-9.20595				FALSE
hsa-miR-324-5p	MS4A2	-9.20515				FALSE
hsa-miR-22*	KAT6B	-9.2041				FALSE
hsa-miR-577	COL6A3	-9.20388				FALSE
hsa-miR-200a*	OLFML2B	-9.19995				FALSE
hsa-miR-200a	ZFPM2	-9.19901	-0.4788	-0.319	0.1743	FALSE
hsa-miR-223*	ZNF446	-9.18948				FALSE
hsa-miR-192	MMP2	-9.17908				FALSE
hsa-miR-200a*	PTRF	-9.17629				FALSE
hsa-miR-192*	MMP2	-9.17464				FALSE
hsa-miR-19a	MVP	-9.17178				FALSE
hsa-miR-429	GNG2	-9.1702	-0.5931	-0.167		FALSE
hsa-miR-93	STOM	-9.16743	-0.636	-0.3745		FALSE
hsa-miR-96	NEXN	-9.16662				FALSE
hsa-miR-200b*	FBN1	-9.16628				FALSE
hsa-miR-425*	ZCCHC24	-9.16582				FALSE
hsa-miR-429	FBN1	-9.15934				FALSE
hsa-miR-96	GIMAP8	-9.14949		-0.135		FALSE
hsa-miR-27a	HDHD2	-9.13602	-2.9933	-0.934		FALSE
hsa-miR-32	ASPN	-9.13436				FALSE
hsa-miR-200b*	TIMP2	-9.1283				FALSE
hsa-let-7a	RPS6KB2	-9.12678				FALSE
hsa-miR-194	COL6A3	-9.12639				FALSE
hsa-miR-130a	TMEM144	-9.12425				FALSE
hsa-miR-200a*	TIMP3	-9.12036				FALSE
hsa-miR-30a	RRM2	-9.1183	-0.88	-0.303		FALSE
hsa-miR-200a*	FAP	-9.11648				FALSE
hsa-miR-101	SHCBP1	-9.11002				FALSE
hsa-miR-141*	COL6A2	-9.09784				FALSE
hsa-miR-30a	TICRR	-9.0959				FALSE

hsa-miR-141*	ZEB1	-9.09044				FALSE
hsa-miR-19b-1*	LMOD1	-9.07358				FALSE
hsa-miR-200b*	GLT8D2	-9.06908				FALSE
hsa-miR-29c	DIAPH3	-9.06795				FALSE
hsa-miR-29c	MCM10	-9.06724				FALSE
hsa-miR-150	YWHAE	-9.06316				FALSE
hsa-miR-200a*	ZEB1	-9.06311				FALSE
hsa-miR-192	DACT3	-9.05721				FALSE
hsa-miR-200b*	COL5A2	-9.05632				FALSE
hsa-miR-200b	FERMT2	-9.05561	-0.6769	-0.239	0.1485	FALSE
hsa-miR-30d*	CALD1	-9.04196				FALSE
hsa-miR-16-2*	ZCCHC24	-9.04005				FALSE
hsa-miR-19a	CBX7	-9.03139	-0.2408	-0.249	0.9047	FALSE
hsa-miR-31*	MYLIP	-9.02779				FALSE
hsa-miR-200a*	GLT8D2	-9.0226				FALSE
hsa-miR-324-5p	CPA3	-9.02251				FALSE
hsa-miR-214	ALDH6A1	-9.02112				FALSE
hsa-miR-429	GLIPR1	-9.01718				FALSE
hsa-miR-17	LMOD1	-9.01352				FALSE
hsa-miR-200b*	COL3A1	-9.01243				FALSE
hsa-miR-17	ZCCHC24	-9.00653				FALSE
hsa-miR-200a*	AXL	-9.00359				FALSE
hsa-miR-30c	GREM1	-8.9943				FALSE
hsa-miR-651	ZEB1	-8.98911				FALSE
hsa-miR-200b	COL5A2	-8.98429	-0.1308	-0.131		FALSE
hsa-miR-200a*	CFL2	-8.9808				FALSE
hsa-miR-7-1*	ACTA2	-8.97752				FALSE
hsa-miR-200b*	ECM2	-8.97716				FALSE
hsa-miR-200c*	GPR124	-8.97691				FALSE
hsa-miR-942	MXRA8	-8.96712				FALSE
hsa-miR-192	MSRB3	-8.96153				FALSE
hsa-miR-32	MMP2	-8.95963				FALSE
hsa-miR-210	ZCCHC24	-8.95926				FALSE
hsa-miR-32	ECM2	-8.95732				FALSE
hsa-miR-181c	PGAM1	-8.95374		-0.07		FALSE
hsa-miR-30a	AURKB	-8.95153				FALSE
hsa-miR-16	IGF2	-8.93862		-0.02		FALSE
hsa-miR-200c*	COL6A2	-8.93462				FALSE
hsa-miR-24	KIAA0319L	-8.93354		-0.096		FALSE
hsa-miR-30d*	AEBP1	-8.93207				FALSE
hsa-miR-200b	BNC2	-8.93172		-0.542	0.9253	FALSE
hsa-miR-141	GPR124	-8.93157				FALSE
hsa-miR-200a*	HTRA3	-8.92931				FALSE
hsa-miR-30a*	MYBL2	-8.92438				FALSE
hsa-miR-106b*	HNMT	-8.92322				FALSE

hsa-miR-141	GLT8D2	-8.92109				FALSE
hsa-miR-30b*	TNFAIP6	-8.92092				FALSE
hsa-miR-141*	FSTL1	-8.91747				FALSE
hsa-miR-15a	LMOD1	-8.9109	-0.1402	-0.144	0.46	FALSE
hsa-miR-19a	EFCAB14	-8.90954	-0.5833			FALSE
hsa-miR-96	GIMAP1	-8.9046		-0.15		FALSE
hsa-miR-19b	SSPN	-8.8997				FALSE
hsa-miR-429	GFPT2	-8.89629				FALSE
hsa-miR-32	COL5A1	-8.89599	-0.299	-0.41	0.8156	FALSE
hsa-miR-200b*	COL6A3	-8.89301				FALSE
hsa-miR-29b-1*	DACT3	-8.89277				FALSE
hsa-miR-15b*	C1QTNF7	-8.88628				FALSE
hsa-miR-451	SFRP4	-8.87842				FALSE
hsa-miR-141	LIX1L	-8.87034				FALSE
hsa-miR-16-2*	C1QTNF7	-8.86101				FALSE
hsa-miR-194	COL1A2	-8.85975				FALSE
hsa-miR-183	APOL3	-8.85873				FALSE
hsa-miR-200a*	FHL3	-8.85532				FALSE
hsa-miR-17	SSPN	-8.8526		-0.164		FALSE
hsa-miR-22	TXNDC16	-8.85005				FALSE
hsa-miR-16-2*	PLN	-8.84462				FALSE
hsa-miR-32	COL5A2	-8.83951				FALSE
hsa-miR-194	COL5A1	-8.8334				FALSE
hsa-miR-125a-5p	CENPW	-8.83175				FALSE
hsa-miR-1180	TNFSF12	-8.82678				FALSE
hsa-miR-19b	LMOD1	-8.82483				FALSE
hsa-miR-30a	BUB1B	-8.82328				FALSE
hsa-miR-200a*	COL5A2	-8.81805				FALSE
hsa-miR-96	ZEB2	-8.81514				FALSE
hsa-miR-195	HMGA1	-8.81427	-0.398	-0.241	0.6046	FALSE
hsa-miR-20a*	IL1R1	-8.81035				FALSE
hsa-miR-194*	FERMT2	-8.81				FALSE
hsa-miR-429	AKAP2	-8.80584	-0.2875	-0.051	0.7778	FALSE
hsa-miR-200c*	VIM	-8.80578				FALSE
hsa-miR-429	CFL2	-8.80536	-1.5644	-0.708	0.2067	FALSE
hsa-miR-141	JAM3	-8.80357		-0.117	0.109	FALSE
hsa-miR-16-1*	CNN1	-8.79984				FALSE
hsa-miR-200b*	JAM3	-8.79963				FALSE
hsa-miR-429	COL5A2	-8.79862	-0.1337	-0.131		FALSE
hsa-miR-192*	FAP	-8.79656				FALSE
hsa-miR-532-5p	TGFB111	-8.79352				FALSE
hsa-miR-30a	KIF14	-8.79266				FALSE
hsa-miR-200a	EMP3	-8.79177				FALSE
hsa-miR-141*	AEBP1	-8.78787				FALSE
hsa-miR-93	CBX7	-8.7821		-0.062		FALSE

hsa-miR-200b*	GPR124	-8.77605				FALSE
hsa-miR-30b*	CTHRC1	-8.77047				FALSE
hsa-miR-942	LMOD1	-8.76827				FALSE
hsa-miR-194	COL6A2	-8.76755				FALSE
hsa-miR-210	PLAC9	-8.76701				FALSE
hsa-miR-19b	MVP	-8.76408				FALSE
hsa-let-7g*	MS4A2	-8.76396				FALSE
hsa-miR-32	FBN1	-8.75618	-1.7165	-0.611	0.133	FALSE
hsa-miR-101	DIAPH3	-8.75052				FALSE
hsa-miR-22*	RAPGEF6	-8.7452				FALSE
hsa-miR-652	ASPN	-8.7422				FALSE
hsa-miR-200c	DACT3	-8.74134	-0.2695			FALSE
hsa-miR-652	CTHRC1	-8.73707				FALSE
hsa-miR-192	COL6A2	-8.73664				FALSE
hsa-miR-7-1*	TIMP3	-8.73649				FALSE
hsa-miR-29c	BUB1B	-8.72515				FALSE
hsa-miR-200a*	PCOLCE	-8.72127				FALSE
hsa-miR-181c*	APOL2	-8.71543				FALSE
hsa-miR-30d*	TNFAIP6	-8.71503				FALSE
hsa-miR-101	DLGAP5	-8.70969	-0.7975	-0.195		FALSE
hsa-miR-200a	LIX1L	-8.70856				FALSE
hsa-miR-425*	ZEB1	-8.70616				FALSE
hsa-miR-200b	CALD1	-8.7006	-0.2582	-0.111		FALSE
hsa-miR-651	MSRB3	-8.69985				FALSE
hsa-miR-106b*	TMEM59	-8.69932				FALSE
hsa-miR-215	FRMD6	-8.69767				FALSE
hsa-miR-425*	CYS1	-8.69603				FALSE
hsa-miR-181d	PCYT1A	-8.69139				FALSE
hsa-miR-130b	PLD4	-8.69126				FALSE
hsa-miR-1307	CNRIP1	-8.69122				FALSE
hsa-miR-29c	MEX3A	-8.69103				FALSE
hsa-miR-423-3p	LMOD1	-8.69074				FALSE
hsa-miR-210	NRIP2	-8.69048				FALSE
hsa-miR-30b*	MFAP5	-8.69				FALSE
hsa-miR-142-5p	RABGAP1	-8.68852				FALSE
hsa-let-7d*	NNMT	-8.68831				FALSE
hsa-miR-1307	PLN	-8.68732				FALSE
hsa-miR-32	COL10A1	-8.68647				FALSE
hsa-miR-16-2*	FAM198B	-8.68543				FALSE
hsa-miR-141*	DACT3	-8.68284				FALSE
hsa-miR-22*	ARID2	-8.67977				FALSE
hsa-miR-101	LDHA	-8.67542				FALSE
hsa-miR-192	COL1A2	-8.66812				FALSE
hsa-miR-192	AEBP1	-8.66708				FALSE
hsa-miR-20a	LMOD1	-8.66638				FALSE

hsa-miR-194*	PCOLCE	-8.66225				FALSE
hsa-miR-3677-3p	KLHDC1	-8.66026				FALSE
hsa-miR-125a-5p	EXO1	-8.65483				FALSE
hsa-miR-32	COL1A2	-8.64855	-1.2498	-0.423		FALSE
hsa-miR-30d*	ASPN	-8.64614				FALSE
hsa-miR-483-3p	SQRDL	-8.64309				FALSE
hsa-miR-29c*	SERPINH1	-8.63223				FALSE
hsa-miR-141*	MXRA8	-8.63173				FALSE
hsa-miR-93*	NEXN	-8.63126				FALSE
hsa-miR-141	TGFB1I1	-8.63001				FALSE
hsa-miR-210	SELP	-8.62742				FALSE
hsa-miR-18b	CYBRD1	-8.62578				FALSE
hsa-miR-30d*	GREM1	-8.62195				FALSE
hsa-miR-223	ZNF19	-8.6206				FALSE
hsa-miR-26a	PGAM1	-8.62013				FALSE
hsa-miR-200b*	PTRF	-8.61998				FALSE
hsa-miR-96	TLN1	-8.6183				FALSE
hsa-miR-497	HMGA1	-8.61589	-0.468	-0.241	0.6046	FALSE
hsa-miR-30b*	ASPN	-8.61322				FALSE
hsa-miR-93	TNFSF12	-8.61212	-0.5256			FALSE
hsa-miR-92a	IL1R1	-8.61174	-0.1323	-0.206		FALSE
hsa-miR-937	RAI2	-8.60896				FALSE
hsa-miR-200a	COL6A3	-8.60836				FALSE
hsa-miR-1307	IGFBP7	-8.60304				FALSE
hsa-miR-200b	C1S	-8.60028				FALSE
hsa-miR-29c	KIF23	-8.59716	-0.1483			FALSE
hsa-miR-32	PRKG1	-8.59432	-0.8653			FALSE
hsa-miR-18a	SNED1	-8.5913				FALSE
hsa-miR-22*	ZNF791	-8.59082				FALSE
hsa-miR-30c	ADAM12	-8.58837	-0.3142	-0.334	0.4469	FALSE
hsa-miR-141	AXL	-8.58735				FALSE
hsa-miR-30d*	COL6A3	-8.58411				FALSE
hsa-miR-30a*	DNMT3B	-8.58385				FALSE
hsa-miR-15b*	MRVI1	-8.58321				FALSE
hsa-miR-30a	ASPM	-8.58254				FALSE
hsa-miR-200a	POSTN	-8.58149				FALSE
hsa-miR-29c	CCNA2	-8.5807	-1.1134			FALSE
hsa-miR-7-1*	QKI	-8.57808				FALSE
hsa-miR-141	DACT3	-8.57531	-0.113			FALSE
hsa-miR-106b	CYBRD1	-8.5749	-1.8112	-0.993	0.1173	FALSE
hsa-miR-2355-3p	NRIP2	-8.5703				FALSE
hsa-miR-192*	COL6A3	-8.57027				FALSE
hsa-miR-17	HPGDS	-8.56935				FALSE
hsa-miR-3677-3p	CALCOCO1	-8.56338				FALSE
hsa-miR-30a	KIF11	-8.55465	-1.2206	-0.4712	0.0764	FALSE

hsa-miR-101	KIF14	-8.55373	-0.1029				FALSE
hsa-miR-194*	ASPN	-8.55114					FALSE
hsa-miR-16-1*	LMOD1	-8.55079					FALSE
hsa-miR-15b*	LDB2	-8.54985					FALSE
hsa-miR-194*	AEBP1	-8.54595					FALSE
hsa-miR-22	PTBP2	-8.54522					FALSE
hsa-miR-22	PATZ1	-8.54233	-0.2714				FALSE
hsa-miR-106b*	YPEL5	-8.54156					FALSE
hsa-miR-106a	CAST	-8.54085					FALSE
hsa-miR-423-3p	ZCCHC24	-8.53474					FALSE
hsa-miR-30c	COL3A1	-8.53325					FALSE
hsa-miR-18a	FBXL5	-8.53224					FALSE
hsa-miR-3127-5p	OMD	-8.53112					FALSE
hsa-miR-192*	MSRB3	-8.52825					FALSE
hsa-miR-101	P4HA2	-8.52429					FALSE
hsa-miR-18b	ZBTB4	-8.52195	-1.1649	-0.243	0.4421		FALSE
hsa-miR-223*	ZNF821	-8.51865					FALSE
hsa-miR-30d*	VCAN	-8.51754					FALSE
hsa-miR-194	SNAI2	-8.51196					FALSE
hsa-miR-16	SGCD	-8.5052		-0.054	0.7379		FALSE
hsa-miR-141	TIE1	-8.50506					FALSE
hsa-miR-193b*	NR3C2	-8.50346					FALSE
hsa-miR-411	ULK3	-8.50253					FALSE
hsa-miR-502-3p	ASPN	-8.49694					FALSE
hsa-miR-19a	PBXIP1	-8.49601					FALSE
hsa-miR-107	ASPN	-8.49521					FALSE
hsa-miR-15b	LMOD1	-8.49433	-0.1402	-0.144	0.46		FALSE
hsa-miR-379	CDK5RAP3	-8.48746					FALSE
hsa-miR-532-5p	ASPN	-8.48614					FALSE
hsa-miR-183	GBP2	-8.48076	-0.1459				FALSE
hsa-miR-200b*	NRP1	-8.48041					FALSE
hsa-miR-576-5p	SNED1	-8.47791					FALSE
hsa-miR-200c*	MXRA8	-8.47769					FALSE
hsa-miR-200a*	MYL9	-8.47752					FALSE
hsa-miR-9*	MYOF	-8.4766					FALSE
hsa-miR-93*	SERPING1	-8.47595					FALSE
hsa-miR-629*	ZBTB4	-8.47271					FALSE
hsa-miR-651	NEXN	-8.47128					FALSE
hsa-miR-92a	CD63	-8.46918					FALSE
hsa-miR-183	PLSCR4	-8.46846	-0.8426	-0.273			FALSE
hsa-miR-92a	ITM2B	-8.4674	-1.6028	-0.246	0.3648		FALSE
hsa-miR-3677-3p	ZBTB4	-8.46085					FALSE
hsa-miR-15b	HEPH	-8.46038					FALSE
hsa-miR-194	SGCD	-8.45711			0.0279		FALSE
hsa-miR-141	MMP2	-8.45104					FALSE

hsa-miR-125a-5p	CEP55	-8.45053				FALSE
hsa-miR-192	NXN	-8.44872				FALSE
hsa-miR-20a*	MRVI1	-8.44657				FALSE
hsa-miR-18a	RNASEL	-8.44607	-0.5114	-0.301	0.0468	FALSE
hsa-miR-326	RPS9	-8.44379				FALSE
hsa-miR-651	ECM2	-8.44344				FALSE
hsa-miR-18a*	OGN	-8.44136				FALSE
hsa-miR-200b*	ZEB2	-8.43203				FALSE
hsa-miR-769-5p	VDR	-8.43031				FALSE
hsa-miR-1307	HNMT	-8.42804				FALSE
hsa-miR-20a	ZCCHC24	-8.42526				FALSE
hsa-miR-29b	C14orf37	-8.42018				FALSE
hsa-miR-223	C14orf93	-8.41694				FALSE
hsa-miR-29b-2*	SERPINH1	-8.41454				FALSE
hsa-miR-339-3p	NBL1	-8.4137				FALSE
hsa-miR-191*	PRELP	-8.41325				FALSE
hsa-miR-16-2*	SFRP4	-8.41105				FALSE
hsa-miR-22*	ZNF397	-8.40956				FALSE
hsa-miR-3615	CNN1	-8.40919				FALSE
hsa-miR-30d*	FN1	-8.4083				FALSE
hsa-miR-200b*	ZFPM2	-8.40732				FALSE
hsa-miR-200c	VIM	-8.40698				FALSE
hsa-miR-194	FAP	-8.40526	-0.156			FALSE
hsa-miR-181c	LDHA	-8.40322				FALSE
hsa-miR-381	ULK3	-8.40186				FALSE
hsa-miR-199b-5p	CDT1	-8.4016				FALSE
hsa-miR-215	PTK7	-8.40159				FALSE
hsa-miR-19b-1*	DACT3	-8.39472				FALSE
hsa-miR-429	PTRF	-8.39421				FALSE
hsa-miR-194*	IGFBP7	-8.39119				FALSE
hsa-miR-16-2*	DCN	-8.39111				FALSE
hsa-miR-2355-3p	GPRASP1	-8.3906				FALSE
hsa-miR-191	MSRB3	-8.39039				FALSE
hsa-miR-200a*	OSTM1	-8.38158				FALSE
hsa-miR-589*	CACNA1C	-8.38097				FALSE
hsa-miR-369-5p	UVSSA	-8.37896				FALSE
hsa-miR-17*	ST6GALNAC	-8.37857				FALSE
hsa-miR-152	ULK3	-8.37468	-0.137	-0.172	0.1545	FALSE
hsa-miR-194*	SGCD	-8.37453				FALSE
hsa-miR-200b*	FAM26E	-8.37339				FALSE
hsa-miR-200a	OLFML2B	-8.37247				FALSE
hsa-miR-483-3p	CREBL2	-8.36759				FALSE
hsa-miR-7-1*	ZCCHC24	-8.36681				FALSE
hsa-miR-21	CRY2	-8.36486				FALSE
hsa-miR-301b	GAPT	-8.35992				FALSE

hsa-miR-200a	CALD1	-8.35914	-0.2173	-0.057	0.1669	FALSE
hsa-miR-627	CACNA1C	-8.35847				FALSE
hsa-miR-32	SGCD	-8.35366		-0.042		FALSE
hsa-miR-30d*	CPXM1	-8.35292				FALSE
hsa-miR-141	RHOJ	-8.35109				FALSE
hsa-miR-200a	PDE2A	-8.35098				FALSE
hsa-miR-23a*	MGP	-8.3497				FALSE
hsa-miR-210	SEMA3G	-8.34886				FALSE
hsa-miR-130b	CTSO	-8.34852				FALSE
hsa-miR-15b*	MYH11	-8.34834				FALSE
hsa-miR-429	TLN1	-8.34746	-0.1372	-0.2	0.4194	FALSE
hsa-miR-200b*	C1R	-8.34371				FALSE
hsa-miR-200a	GLIPR1	-8.33393				FALSE
hsa-miR-130b	LRP10	-8.33127				FALSE
hsa-miR-15a	HEYL	-8.33113			0.0892	FALSE
hsa-miR-17	MVP	-8.32979				FALSE
hsa-miR-29c	MFAP2	-8.32127	-0.7571	-0.122	0.6055	FALSE
hsa-miR-17	CYBRD1	-8.32113	-1.8112	-0.993	0.1173	FALSE
hsa-miR-200a*	CALD1	-8.32033				FALSE
hsa-miR-423-3p	PLN	-8.31703				FALSE
hsa-miR-194	PTRF	-8.31692				FALSE
hsa-miR-194	ASPN	-8.31553	-0.1569			FALSE
hsa-miR-30c	SNAI2	-8.31275	-1.1104		0.3112	FALSE
hsa-miR-744*	MS4A2	-8.31189				FALSE
hsa-miR-429	NRP1	-8.30968	-0.1305			FALSE
hsa-miR-19b	A2M	-8.30916				FALSE
hsa-miR-194*	GLT8D2	-8.30798				FALSE
hsa-miR-149	CARD6	-8.30349				FALSE
hsa-miR-200b	NEXN	-8.3028				FALSE
hsa-miR-18a*	LMOD1	-8.30173				FALSE
hsa-miR-200b	FBN1	-8.29952	-0.5815			FALSE
hsa-miR-195	MAPK6	-8.29522				FALSE
hsa-miR-497	IGF2BP2	-8.29307				FALSE
hsa-miR-107	PLN	-8.29254				FALSE
hsa-miR-200a*	FBN1	-8.29251				FALSE
hsa-miR-33b	STON1	-8.28954	-0.3296	-0.562		FALSE
hsa-miR-96	STARD8	-8.28877				FALSE
hsa-miR-411	FUK	-8.28688				FALSE
hsa-miR-101	KIF23	-8.28364				FALSE
hsa-miR-200b	CTHRC1	-8.28257				FALSE
hsa-miR-16-1*	MYH11	-8.28248				FALSE
hsa-miR-150	P4HA1	-8.27998				FALSE
hsa-miR-92a-1*	SSC5D	-8.27827				FALSE
hsa-miR-194*	PPAPDC3	-8.27773				FALSE
hsa-miR-942	ZCCHC24	-8.27736				FALSE

hsa-miR-223	PATZ1	-8.27447			FALSE
hsa-miR-92a	GAPT	-8.27425			FALSE
hsa-miR-29c	SERPINH1	-8.27288	-0.113	0.9402	FALSE
hsa-miR-128	PLN	-8.27246			FALSE
hsa-miR-183	SYNE1	-8.27001			FALSE
hsa-miR-532-5p	PDLIM7	-8.26993			FALSE
hsa-miR-19a	A2M	-8.26728			FALSE
hsa-miR-7-1*	ACTG2	-8.26505			FALSE
hsa-miR-7-1*	AEBP1	-8.26501			FALSE
hsa-miR-210	A2M	-8.26403			FALSE
hsa-miR-194	COL12A1	-8.26245			FALSE
hsa-miR-200a	ADAM12	-8.26152			FALSE
hsa-miR-141*	TGFB1I1	-8.26138			FALSE
hsa-miR-200c*	BNC2	-8.26013			FALSE
hsa-miR-194	GAS1	-8.25789			FALSE
hsa-miR-200b*	GFPT2	-8.25675			FALSE
hsa-miR-188-5p	CYBRD1	-8.25413			FALSE
hsa-miR-200a*	COL6A2	-8.2493			FALSE
hsa-miR-210	DARC	-8.24118			FALSE
hsa-miR-192	CNN1	-8.2395			FALSE
hsa-miR-15b	PLN	-8.23588			FALSE
hsa-miR-144	SFRP4	-8.23369			FALSE
hsa-miR-93	SERPING1	-8.23012			FALSE
hsa-miR-429	ATP8B2	-8.22981			FALSE
hsa-miR-1307	CD52	-8.22898			FALSE
hsa-miR-1226	OGN	-8.22857			FALSE
hsa-miR-330-5p	RPL10A	-8.22775			FALSE
hsa-miR-96	MYLK	-8.2246			FALSE
hsa-miR-17	OGN	-8.21957			FALSE
hsa-miR-30d*	COL12A1	-8.21809			FALSE
hsa-miR-379	AMT	-8.21568			FALSE
hsa-miR-200c*	HTRA3	-8.2141			FALSE
hsa-miR-96	GIMAP6	-8.21361			FALSE
hsa-miR-629*	DACT3	-8.21347			FALSE
hsa-miR-141	VIM	-8.21177			FALSE
hsa-miR-3127-5p	ASPN	-8.21048			FALSE
hsa-miR-16-2*	MSRB3	-8.21004			FALSE
hsa-miR-19a	LMOD1	-8.2086			FALSE
hsa-miR-204	ERO1L	-8.20678			FALSE
hsa-miR-449a	FN1	-8.20583			FALSE
hsa-miR-200b*	BNC2	-8.20554			FALSE
hsa-miR-328	TMSB10	-8.20546			FALSE
hsa-miR-324-5p	DPYD	-8.2048			FALSE
hsa-miR-18a	ARHGAP1	-8.2039			FALSE
hsa-miR-93	OMD	-8.20167			FALSE

hsa-miR-194*	BGN	-8.20026				FALSE
hsa-miR-590-5p	ZEB1	-8.19973	-0.6553			FALSE
hsa-miR-425*	PTRF	-8.19556				FALSE
hsa-miR-210	TEK	-8.19456				FALSE
hsa-miR-221	SNX4	-8.19297	-2.368	-0.88	0.2208	FALSE
hsa-miR-16-2*	CNN1	-8.19259				FALSE
hsa-miR-200a*	ECM2	-8.19086				FALSE
hsa-miR-577	ZCCHC24	-8.1908				FALSE
hsa-miR-222*	ZNF652	-8.19012				FALSE
hsa-miR-141*	BNC2	-8.18701				FALSE
hsa-miR-429	TGFB11	-8.18642				FALSE
hsa-miR-421	ZBTB4	-8.18323				FALSE
hsa-miR-200b*	LHFP	-8.18294				FALSE
hsa-miR-130a	PAFAH2	-8.18252				FALSE
hsa-miR-30b*	GPX8	-8.18195				FALSE
hsa-miR-30d	POSTN	-8.17924	-0.6098			FALSE
hsa-miR-429	LAMA4	-8.17844	-0.1288			FALSE
hsa-miR-21	RALGAPA1	-8.178	-0.5651	-0.205		FALSE
hsa-miR-144*	SFRP4	-8.17784				FALSE
hsa-miR-425	CBX7	-8.17766				FALSE
hsa-miR-141*	SLC39A13	-8.17679				FALSE
hsa-miR-3677-3p	GTF2IRD2B	-8.17588				FALSE
hsa-miR-93	CYBRD1	-8.17447	-1.8304	-0.993	0.1173	FALSE
hsa-miR-15b*	OMD	-8.17129				FALSE
hsa-miR-152	SECISBP2	-8.17012				FALSE
hsa-miR-200c*	TIMP3	-8.16984				FALSE
hsa-miR-30d*	FSTL1	-8.169				FALSE
hsa-miR-21	ZCCHC3	-8.16744	-0.8169	-0.192	0.4117	FALSE
hsa-miR-141*	AXL	-8.16497				FALSE
hsa-miR-30b	RECQL	-8.16399	-0.382			FALSE
hsa-miR-125a-5p	CCNB1	-8.16228				FALSE
hsa-miR-192	SGCD	-8.15941		-0.747	0.2457	FALSE
hsa-miR-182	CLEC2B	-8.1593				FALSE
hsa-miR-20a*	GAPT	-8.15792				FALSE
hsa-miR-30e*	COL5A1	-8.15591				FALSE
hsa-miR-150*	YWHAE	-8.15481				FALSE
hsa-miR-193b	ITM2A	-8.14634				FALSE
hsa-miR-183	FYB	-8.14199				FALSE
hsa-miR-7-1*	COL5A1	-8.14025				FALSE
hsa-miR-33b	GPR124	-8.13973				FALSE
hsa-miR-183	CBX7	-8.13955				FALSE
hsa-miR-92a	GMFG	-8.13944				FALSE
hsa-miR-30a	GTSE1	-8.13904				FALSE
hsa-miR-200c*	KANK2	-8.13593				FALSE
hsa-miR-200c	CTHRC1	-8.13514				FALSE

hsa-miR-141*	JAM3	-8.13514				FALSE
hsa-miR-200a	GNG2	-8.13383		-0.229	0.109	FALSE
hsa-miR-16-1*	PLN	-8.12993				FALSE
hsa-miR-22*	CREBRF	-8.12976				FALSE
hsa-miR-425*	PRELP	-8.12708				FALSE
hsa-miR-200b	C1R	-8.1253				FALSE
hsa-miR-30a	SPAG5	-8.12471				FALSE
hsa-miR-148b	MMP2	-8.12356				FALSE
hsa-miR-18a*	FCER1A	-8.1226				FALSE
hsa-miR-769-5p	IL4R	-8.11969				FALSE
hsa-miR-21*	ANKRD46	-8.11365				FALSE
hsa-miR-30d*	ADAM12	-8.11176				FALSE
hsa-miR-30c	KCND2	-8.11145	-0.9599	-0.141		FALSE
hsa-miR-210	C7	-8.11025				FALSE
hsa-miR-141	PDE2A	-8.10952				FALSE
hsa-miR-200b*	OSTM1	-8.10845				FALSE
hsa-miR-141	GALNTL2	-8.10514	-0.2104			FALSE
hsa-miR-200c	FAP	-8.10304				FALSE
hsa-miR-93	ECM2	-8.10277				FALSE
hsa-miR-16	C1QTNF7	-8.09691				FALSE
hsa-miR-16-2*	MYH11	-8.09419				FALSE
hsa-miR-141*	PMP22	-8.09418				FALSE
hsa-miR-18b	AHNAK	-8.09392				FALSE
hsa-miR-141	JAM2	-8.09354				FALSE
hsa-miR-15a	PODN	-8.09092			0.0921	FALSE
hsa-miR-200b*	COL6A2	-8.0868				FALSE
hsa-miR-429	FN1	-8.08523	-2.0599	-0.529	0.2779	FALSE
hsa-miR-194*	PODNL1	-8.08473				FALSE
hsa-miR-192	NEXN	-8.08313				FALSE
hsa-miR-200a	IKBIP	-8.08279				FALSE
hsa-miR-29b-1*	JAM3	-8.08164				FALSE
hsa-miR-17*	2-Mar	-8.07743				FALSE
hsa-miR-590-5p	MRVI1	-8.07599				FALSE
hsa-miR-502-3p	FN1	-8.07404				FALSE
hsa-miR-19b-1*	GPR124	-8.0736				FALSE
hsa-miR-30d*	MMP2	-8.07225				FALSE
hsa-miR-7-1*	MMP2	-8.07213				FALSE
hsa-miR-30a*	TICRR	-8.06967				FALSE
hsa-miR-30e*	COL5A2	-8.06953				FALSE
hsa-miR-200b	POSTN	-8.06847				FALSE
hsa-miR-760	IGFBP7	-8.0681				FALSE
hsa-miR-148b	TGFB1I1	-8.06809				FALSE
hsa-miR-16-2*	MMP2	-8.06774				FALSE
hsa-miR-107	CNN1	-8.06741				FALSE
hsa-miR-30b*	GLT8D2	-8.06715				FALSE

hsa-miR-590-5p	AEBP1	-8.06583			FALSE	
hsa-miR-30e*	SPHK1	-8.06535			FALSE	
hsa-miR-200b	FHL3	-8.0649			FALSE	
hsa-miR-200a	NID2	-8.06282	-0.1625		FALSE	
hsa-miR-210	ARHGEF15	-8.0621			FALSE	
hsa-miR-192*	CNN1	-8.06087			FALSE	
hsa-miR-200a	COL3A1	-8.0608			FALSE	
hsa-miR-20a	SSPN	-8.06007		-0.164	FALSE	
hsa-miR-92a-1*	MMP2	-8.05977			FALSE	
hsa-miR-194	NEXN	-8.0591			FALSE	
hsa-miR-22*	TXNDC16	-8.0575			FALSE	
hsa-miR-183	GIMAP4	-8.05749			FALSE	
hsa-miR-502-3p	COL10A1	-8.05629			FALSE	
hsa-miR-200c	JAM3	-8.05595		-0.085	FALSE	
hsa-miR-139-5p	ENO2	-8.05555		-0.079	FALSE	
hsa-miR-16	MYH11	-8.05461			FALSE	
hsa-miR-93*	AEBP1	-8.05065			FALSE	
hsa-miR-93	ZCCHC24	-8.04745			FALSE	
hsa-miR-500b	FAP	-8.04694			FALSE	
hsa-miR-502-3p	ANTXR1	-8.04113			FALSE	
hsa-miR-193b	NR3C2	-8.04015			FALSE	
hsa-miR-200a	CTHRC1	-8.03966			FALSE	
hsa-miR-192	PTK7	-8.03818			FALSE	
hsa-miR-629*	SHROOM4	-8.03786			FALSE	
hsa-miR-200b*	POSTN	-8.03566			FALSE	
hsa-miR-130b*	CARD6	-8.0334			FALSE	
hsa-miR-425*	CNN1	-8.03141			FALSE	
hsa-miR-215	SGCD	-8.03098		-0.747	0.2457	FALSE
hsa-miR-181c	SHCBP1	-8.03094			FALSE	
hsa-miR-29c	MSANTD3	-8.02805	-0.362		FALSE	
hsa-let-7b*	TIMM17B	-8.0257			FALSE	
hsa-miR-15b	CACNA1C	-8.02448			FALSE	
hsa-miR-200a*	BGN	-8.024			FALSE	
hsa-miR-141*	COL3A1	-8.02352			FALSE	
hsa-miR-194*	CTHRC1	-8.02327			FALSE	
hsa-miR-125a-5p	MYBL2	-8.02303			FALSE	
hsa-miR-21*	ZNF362	-8.02301			FALSE	
hsa-miR-3127-5p	IGFBP7	-8.02277			FALSE	
hsa-miR-194	COL6A1	-8.02264			FALSE	
hsa-miR-210	TAL1	-8.02248			FALSE	
hsa-miR-194	PDLIM7	-8.02105			FALSE	
hsa-miR-3065-5p	NEXN	-8.02053			FALSE	
hsa-miR-20a	OMD	-8.0205			FALSE	
hsa-miR-125a-5p	CCNA2	-8.01955			FALSE	
hsa-miR-340*	AHNAK	-8.01869			FALSE	

hsa-miR-200a*	P4HA3	-8.01763				FALSE
hsa-miR-590-5p	FYCO1	-8.01737				FALSE
hsa-miR-17*	PLN	-8.01648				FALSE
hsa-miR-192*	SGCD	-8.016				FALSE
hsa-miR-214*	NFATC2IP	-8.01596				FALSE
hsa-miR-141*	PTRF	-8.01212				FALSE
hsa-miR-210	PGM5	-8.01059				FALSE
hsa-miR-145	MIF	-8.01054				FALSE
hsa-miR-200c	MMP2	-8.00355				FALSE
hsa-miR-141	GNG2	-8.00348		-0.229	0.109	FALSE
hsa-miR-200b*	CCDC80	-8.00274				FALSE
hsa-miR-148b	HTRA3	-8.00068		-0.002	0.2219	FALSE
hsa-miR-106b*	TSPAN31	-8.00024				FALSE
hsa-miR-93*	ZCCHC24	-7.99967				FALSE
hsa-miR-942	CNN1	-7.99806				FALSE
hsa-miR-423-3p	PPAPDC3	-7.99431				FALSE
hsa-miR-30a	EXO1	-7.9941				FALSE
hsa-miR-200b	ADAM12	-7.99187	-1.1408	-0.665		FALSE
hsa-miR-15b	OMD	-7.99038				FALSE
hsa-miR-194*	COL6A2	-7.9901				FALSE
hsa-miR-324-5p	HNMT	-7.98968				FALSE
hsa-miR-194*	ECM2	-7.98778				FALSE
hsa-miR-7-1*	MYLK	-7.98731				FALSE
hsa-miR-30d*	FBN1	-7.98708				FALSE
hsa-miR-141*	LEPRE1	-7.98693				FALSE
hsa-miR-200a*	MRC2	-7.98611				FALSE
hsa-miR-200c*	SYDE1	-7.9857				FALSE
hsa-miR-429	CNRIP1	-7.98403				FALSE
hsa-miR-148b	FAP	-7.984				FALSE
hsa-miR-423-3p	DCN	-7.98227				FALSE
hsa-miR-429	PDE2A	-7.98157				FALSE
hsa-miR-200b*	GLIPR1	-7.97991				FALSE
hsa-miR-200b*	TIMP3	-7.97977				FALSE
hsa-miR-192*	GAS1	-7.97647				FALSE
hsa-miR-200a	CCDC80	-7.97361	-1.2321	-0.342	0.3871	FALSE
hsa-miR-19b-1*	CNN1	-7.97334				FALSE
hsa-miR-3065-5p	KCNMB1	-7.97331				FALSE
hsa-miR-3200-3p	IL15RA	-7.97322				FALSE
hsa-miR-93*	ECM2	-7.97296				FALSE
hsa-miR-15b	TIMP3	-7.97293				FALSE
hsa-miR-93*	SYNE1	-7.97285				FALSE
hsa-miR-146b-5p	ARHGAP32	-7.9723	-0.1311			FALSE
hsa-miR-200c*	COL1A2	-7.97024				FALSE
hsa-miR-141*	CD248	-7.96743				FALSE
hsa-miR-30a	DNMT3B	-7.96654	-0.8007	-0.243		FALSE

hsa-miR-15b*	ZCCHC24	-7.96547					FALSE
hsa-miR-7-1*	CALD1	-7.96521					FALSE
hsa-miR-30a*	CCNB2	-7.96502					FALSE
hsa-miR-194*	PRELP	-7.9647					FALSE
hsa-miR-141	NEXN	-7.96435	-0.6748	-0.23	0.167		FALSE
hsa-miR-32	FAP	-7.96215					FALSE
hsa-miR-200a*	GFPT2	-7.9566					FALSE
hsa-miR-3200-3p	GBP2	-7.9564					FALSE
hsa-miR-130b	CX3CR1	-7.95438					FALSE
hsa-miR-200a*	EMP3	-7.95384					FALSE
hsa-miR-200b*	PDE2A	-7.95087					FALSE
hsa-miR-200a*	GAS1	-7.95062					FALSE
hsa-miR-409-3p	HDHD3	-7.94961					FALSE
hsa-miR-629*	LMOD1	-7.9484					FALSE
hsa-miR-92a-1*	CTSA	-7.94772					FALSE
hsa-miR-210	HSPB6	-7.94612					FALSE
hsa-miR-200a	FAM26E	-7.94354	-0.196	-0.184	0.1675		FALSE
hsa-miR-17*	CNN1	-7.94206					FALSE
hsa-miR-324-3p	LST1	-7.94175					FALSE
hsa-miR-141*	OSTM1	-7.93984					FALSE
hsa-miR-15b*	PLN	-7.93899					FALSE
hsa-miR-100	ATG4D	-7.93539					FALSE
hsa-miR-194	COL3A1	-7.93499					FALSE
hsa-miR-629*	ZCCHC24	-7.93429					FALSE
hsa-miR-200a*	AEBP1	-7.93303					FALSE
hsa-miR-1976	DACT3	-7.93119					FALSE
hsa-miR-150	TNFRSF10D	-7.93095					FALSE
hsa-miR-16-2*	TPSAB1	-7.92966					FALSE
hsa-miR-30b	FBN1	-7.92902					FALSE
hsa-miR-30d*	COL6A1	-7.92892					FALSE
hsa-miR-30c	SULF1	-7.92826					FALSE
hsa-miR-128	ACTA2	-7.92765		-0.103	0.4101		FALSE
hsa-miR-590-5p	TNS1	-7.92737		-0.1353	0.3714		FALSE
hsa-miR-200c	GALNTL2	-7.92559					FALSE
hsa-miR-106b	MSRB3	-7.925		-0.038			FALSE
hsa-miR-200a	GAS1	-7.92474	-0.264	-0.08	0.1666		FALSE
hsa-miR-7-1*	GLT8D2	-7.92383					FALSE
hsa-miR-363	AHNAK2	-7.92372					FALSE
hsa-miR-194*	NXN	-7.92066					FALSE
hsa-miR-31	MYLIP	-7.9206					FALSE
hsa-miR-183	HNMT	-7.91783					FALSE
hsa-miR-339-3p	MSRB3	-7.91772					FALSE
hsa-miR-200c	LIX1L	-7.91686					FALSE
hsa-miR-1180	GMFG	-7.91648					FALSE
hsa-miR-200b	CCDC80	-7.91118					FALSE

hsa-miR-30a*	CENPW	-7.91061				FALSE
hsa-miR-652	GLT8D2	-7.90912				FALSE
hsa-miR-30d*	COL11A1	-7.90889				FALSE
hsa-miR-194	GLT8D2	-7.90857				FALSE
hsa-miR-192	TNC	-7.90647				FALSE
hsa-miR-93	LMOD1	-7.90572	-0.1183			FALSE
hsa-miR-126*	COL11A1	-7.90519				FALSE
hsa-miR-101	CEP55	-7.89854	-1.1844	-0.373		FALSE
hsa-miR-942	CACNA1C	-7.89828				FALSE
hsa-miR-22*	ZBTB26	-7.8972				FALSE
hsa-miR-651	RHOJ	-7.8964				FALSE
hsa-miR-141*	PDLIM3	-7.8955				FALSE
hsa-miR-15a	CNN1	-7.89517		-0.069		FALSE
hsa-miR-15b*	EMCN	-7.89427				FALSE
hsa-miR-200a	CRTAP	-7.89403		-0.094		FALSE
hsa-miR-200a	MMP2	-7.89376				FALSE
hsa-miR-200a	COL1A2	-7.89131				FALSE
hsa-miR-148b	TSHZ3	-7.88754	-0.6453			FALSE
hsa-miR-577	MXRA8	-7.88734				FALSE
hsa-miR-107	ACTG2	-7.88692				FALSE
hsa-miR-141	AEBP1	-7.88421		-0.103	0.1667	FALSE
hsa-miR-200b*	C1S	-7.88239				FALSE
hsa-miR-194*	MXRA8	-7.87989				FALSE
hsa-miR-425	PODN	-7.87894				FALSE
hsa-miR-574-3p	RPS3A	-7.87767				FALSE
hsa-miR-532-3p	TNFAIP6	-7.87606				FALSE
hsa-miR-429	BNC2	-7.87352		-0.542	0.9253	FALSE
hsa-miR-200c*	MMP2	-7.87351				FALSE
hsa-miR-141	LDB2	-7.86994	-0.1194			FALSE
hsa-miR-29c	NCAPH	-7.86911				FALSE
hsa-miR-363	FSTL3	-7.86846				FALSE
hsa-miR-30e*	GREM1	-7.86702				FALSE
hsa-miR-324-5p	SSPN	-7.86694				FALSE
hsa-miR-192	FHL3	-7.86638				FALSE
hsa-miR-30d*	INHBA	-7.86542				FALSE
hsa-miR-200c*	PMP22	-7.86522				FALSE
hsa-miR-200c*	ECM2	-7.86376				FALSE
hsa-miR-19b-1*	PODN	-7.86364				FALSE
hsa-miR-200b*	TSHZ3	-7.8631				FALSE
hsa-miR-15a	IGF2	-7.86029		-0.02		FALSE
hsa-miR-16	LMOD1	-7.85848	-0.1444	-0.144	0.46	FALSE
hsa-miR-532-5p	SFRP2	-7.85742				FALSE
hsa-miR-22	ZNF3	-7.85466				FALSE
hsa-miR-194*	FAP	-7.85437				FALSE
hsa-miR-423-3p	PLAC9	-7.8538				FALSE

hsa-miR-200a*	COL1A2	-7.85372				FALSE
hsa-miR-194*	COL5A1	-7.85322				FALSE
hsa-miR-130a	NSF	-7.85193				FALSE
hsa-miR-19b-1*	MRVI1	-7.85104				FALSE
hsa-miR-382	NFATC2IP	-7.84408				FALSE
hsa-miR-200b	ITGA5	-7.84318				FALSE
hsa-miR-192	PDLIM7	-7.84263				FALSE
hsa-miR-200a*	NEXN	-7.8422				FALSE
hsa-miR-577	LHFP	-7.84197				FALSE
hsa-miR-200b	ARSI	-7.84123				FALSE
hsa-miR-30e*	CTHRC1	-7.84108				FALSE
hsa-miR-15b	ECM2	-7.84004				FALSE
hsa-miR-532-5p	TPM2	-7.83849				FALSE
hsa-miR-194*	HTRA3	-7.83743				FALSE
hsa-miR-32	DCN	-7.83701				FALSE
hsa-miR-29a	PANK3	-7.8302				FALSE
hsa-miR-200b*	GAS1	-7.82836				FALSE
hsa-miR-183	DAB2	-7.82811				FALSE
hsa-miR-330-5p	RPL15	-7.82661				FALSE
hsa-miR-30d*	ITGA5	-7.82619				FALSE
hsa-miR-200a*	PMP22	-7.82438				FALSE
hsa-miR-183	FLI1	-7.82387				FALSE
hsa-miR-200c*	CDH11	-7.82287				FALSE
hsa-miR-92a	TREM2	-7.82213				FALSE
hsa-miR-29c	DLGAP5	-7.82167				FALSE
hsa-miR-200b	FAM26E	-7.82015		-0.064		FALSE
hsa-miR-429	NEDD4	-7.82008	-0.4165	-0.274		FALSE
hsa-miR-651	PLN	-7.81968				FALSE
hsa-miR-340	PTK6	-7.81953				FALSE
hsa-miR-183	HLA-DPA1	-7.81921				FALSE
hsa-miR-326	RPL18A	-7.8183				FALSE
hsa-miR-29c*	LAMB1	-7.81743				FALSE
hsa-miR-191	CALD1	-7.81687				FALSE
hsa-miR-25	CSRP1	-7.81664				FALSE
hsa-miR-29c	TEX10	-7.81599				FALSE
hsa-miR-660	ITGA3	-7.81294				FALSE
hsa-miR-141	CXCL12	-7.81242		-0.729	0.862	FALSE
hsa-miR-30e	COL5A2	-7.81188	-0.303	-0.233		FALSE
hsa-miR-183	GIMAP6	-7.81185				FALSE
hsa-miR-30d*	POSTN	-7.8089				FALSE
hsa-miR-182	DPYD	-7.8081	-0.2225	-0.185		FALSE
hsa-miR-92a-1*	ZCCHC24	-7.80671				FALSE
hsa-miR-26a	DEPDC1	-7.80654	-1.1091	-0.54	0.0103	FALSE
hsa-miR-200b*	HTRA3	-7.80513				FALSE
hsa-miR-18a	CX3CR1	-7.80501				FALSE

hsa-miR-200b*	FN1	-7.8044				FALSE
hsa-miR-92a	IGFBP7	-7.80397				FALSE
hsa-miR-200c*	LDB2	-7.80272				FALSE
hsa-miR-30d*	GPX8	-7.80224				FALSE
hsa-miR-29c	WDHD1	-7.80187				FALSE
hsa-miR-210	CLEC3B	-7.80164				FALSE
hsa-miR-425*	CALD1	-7.80043				FALSE
hsa-miR-200c*	SLC39A13	-7.79954				FALSE
hsa-miR-101	CCNB2	-7.79923				FALSE
hsa-miR-652	HTRA3	-7.797				FALSE
hsa-miR-192	GAS1	-7.79525				FALSE
hsa-miR-200c*	FSTL1	-7.79236				FALSE
hsa-miR-671-5p	SPARCL1	-7.78921				FALSE
hsa-miR-200c*	OLFML2B	-7.78895				FALSE
hsa-miR-429	C1S	-7.78678				FALSE
hsa-miR-7	LMOD1	-7.78618				FALSE
hsa-miR-200a*	COL5A1	-7.78339				FALSE
hsa-miR-20b	FSTL3	-7.78265				FALSE
hsa-miR-191*	NEXN	-7.78037				FALSE
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hsa-miR-21*	ATP1B2	-7.77354				FALSE
hsa-miR-200c	GNG2	-7.77288	-0.5892	-0.167		FALSE
hsa-miR-200a*	OLFML3	-7.77178				FALSE
hsa-miR-200a	ATP8B2	-7.77072				FALSE
hsa-miR-532-3p	ASPN	-7.77045				FALSE
hsa-miR-30d*	SULF1	-7.76963				FALSE
hsa-miR-3200-3p	RRAS	-7.7693				FALSE
hsa-miR-20b	C19orf33	-7.76686				FALSE
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hsa-miR-194*	UBTD1	-7.76661				FALSE
hsa-miR-20a	PBXIP1	-7.76584		-0.201		FALSE
hsa-miR-26a-1*	COL6A3	-7.76547				FALSE
hsa-miR-25	LRP10	-7.7653				FALSE
hsa-miR-194*	PDLIM7	-7.76518				FALSE
hsa-miR-423-3p	CNRIP1	-7.76489				FALSE
hsa-miR-19b	PODN	-7.764				FALSE
hsa-miR-200a	QKI	-7.76255	-0.1484	-0.289	0.4041	FALSE
hsa-miR-486-5p	SFRP4	-7.75878				FALSE
hsa-miR-323-3p	TRADD	-7.75667				FALSE
hsa-miR-128	RAB31	-7.75496				FALSE
hsa-miR-33b	SHROOM4	-7.75373		-0.089		FALSE
hsa-miR-200b*	MMP2	-7.75204				FALSE
hsa-miR-29c	KDELC1	-7.75183	-0.4583	-0.321	0.1985	FALSE
hsa-miR-93	C10orf54	-7.75118				FALSE
hsa-miR-200b*	MYLK	-7.75097				FALSE

hsa-miR-19a	TK2	-7.74989	-0.8938	-0.5286	FALSE
hsa-miR-16	CACNA1C	-7.74934			FALSE
hsa-miR-425*	PLN	-7.74894			FALSE
hsa-miR-942	PODN	-7.74595			FALSE
hsa-miR-22*	KDM3B	-7.74448			FALSE
hsa-miR-194*	SCARF2	-7.74437			FALSE
hsa-miR-141*	TIMP3	-7.74416			FALSE
hsa-miR-17	SNED1	-7.74313			FALSE
hsa-miR-191	TGFB11	-7.74308			FALSE
hsa-miR-423-3p	ANGPTL1	-7.74199			FALSE
hsa-miR-17	PODN	-7.74131		-0.101	FALSE
hsa-miR-192*	PTRF	-7.73937			FALSE
hsa-miR-134	ULK3	-7.7391			FALSE
hsa-miR-30a*	TROAP	-7.73851			FALSE
hsa-miR-141	FERMT2	-7.73816			FALSE
hsa-miR-410	TAPBP	-7.73717			FALSE
hsa-miR-200b*	AEBP1	-7.73421			FALSE
hsa-miR-200a*	LHFP	-7.73326			FALSE
hsa-miR-200c	AXL	-7.73236			FALSE
hsa-miR-30a	SFPQ	-7.73215	-0.3484		FALSE
hsa-miR-652	PLN	-7.72934			FALSE
hsa-miR-192*	COL5A1	-7.72865			FALSE
hsa-miR-106b	PTRF	-7.72837		-0.043	FALSE
hsa-miR-18a	SPATA18	-7.7279			FALSE
hsa-miR-125a-5p	EXOSC3	-7.72645			FALSE
hsa-miR-17	RCAN2	-7.72641			FALSE
hsa-miR-335*	CDKN1A	-7.72206			FALSE
hsa-miR-200a*	JAM3	-7.72042			FALSE
hsa-miR-130a	RETSAT	-7.71987			FALSE
hsa-miR-181c	ALDOA	-7.71923			FALSE
hsa-miR-194*	DCN	-7.71834			FALSE
hsa-miR-15b	ZCCHC24	-7.71817			FALSE
hsa-miR-429	PDCD1LG2	-7.71711			FALSE
hsa-miR-93*	COL6A3	-7.71604			FALSE
hsa-miR-200b*	OLFML2B	-7.7139			FALSE
hsa-miR-101	LOXL2	-7.71347			FALSE
hsa-miR-200b	COL6A2	-7.71327			FALSE
hsa-miR-93	PBXIP1	-7.71301		-0.201	FALSE
hsa-miR-127-3p	RASSF7	-7.71288			FALSE
hsa-miR-30b	TNFAIP6	-7.71275			FALSE
hsa-miR-15b	DCN	-7.7109			FALSE
hsa-miR-99a	RRM2	-7.70772			FALSE
hsa-miR-125a-5p	HMMR	-7.70673			FALSE
hsa-miR-200b	LGALS1	-7.70632			FALSE
hsa-miR-651	ANTXR2	-7.70622			FALSE

hsa-miR-532-5p	ITGA5	-7.70253				FALSE
hsa-miR-3065-5p	PLN	-7.70077				FALSE
hsa-miR-148b	SNAI2	-7.69948				FALSE
hsa-miR-125a-5p	BIRC5	-7.69881				FALSE
hsa-miR-485-3p	CRB3	-7.69852				FALSE
hsa-miR-29c*	LEPRE1	-7.69834				FALSE
hsa-miR-30a	TOP2A	-7.69698				FALSE
hsa-miR-20b	MVP	-7.69669				FALSE
hsa-miR-33a	DAB2	-7.69298				FALSE
hsa-miR-29c	ORC1	-7.69116				FALSE
hsa-miR-30d*	DACT1	-7.69103				FALSE
hsa-miR-1976	CNN1	-7.69094				FALSE
hsa-miR-20b	EHD2	-7.69042				FALSE
hsa-miR-200b	FN1	-7.68986	-2.0821	-0.529	0.2779	FALSE
hsa-miR-223*	YPEL1	-7.6889				FALSE
hsa-miR-361-3p	YWHAE	-7.68764				FALSE
hsa-miR-15a	CYS1	-7.6851				FALSE
hsa-miR-149	PTPN22	-7.68492				FALSE
hsa-miR-93*	MS4A2	-7.68396				FALSE
hsa-miR-500a*	PDLIM7	-7.68248				FALSE
hsa-miR-30d*	THBS2	-7.68216				FALSE
hsa-miR-182	FAM20A	-7.68007				FALSE
hsa-miR-651	GLT8D2	-7.67956				FALSE
hsa-miR-339-3p	ANTXR1	-7.67945				FALSE
hsa-miR-429	LIX1L	-7.67926				FALSE
hsa-miR-425*	NEXN	-7.67777				FALSE
hsa-miR-141*	COL1A2	-7.67529				FALSE
hsa-miR-30a	KIF20A	-7.67398				FALSE
hsa-miR-19b	CBX7	-7.67327	-0.2408	-0.249	0.9047	FALSE
hsa-miR-17*	CTSA	-7.67245				FALSE
hsa-miR-194	DCN	-7.67209				FALSE
hsa-miR-200c*	FIBIN	-7.67106				FALSE
hsa-miR-339-3p	GPR124	-7.66999				FALSE
hsa-miR-30c	LUM	-7.66833				FALSE
hsa-miR-410	ULK3	-7.66493				FALSE
hsa-miR-219-1-3p	FAP	-7.66468				FALSE
hsa-miR-33b	PDE2A	-7.66064				FALSE
hsa-miR-200a	NEXN	-7.65976	-0.6713	-0.23	0.167	FALSE
hsa-miR-19b	ZCCHC24	-7.65898				FALSE
hsa-miR-185	GTF2IRD2B	-7.6567				FALSE
hsa-miR-200c*	ACTA2	-7.65611				FALSE
hsa-miR-101	KIAA0101	-7.65595				FALSE
hsa-miR-200b*	ATP8B2	-7.65575				FALSE
hsa-miR-200b*	GNG2	-7.65502				FALSE
hsa-miR-148a	PNMA1	-7.65312	-0.9256	-0.27	0.0142	FALSE

hsa-miR-148b	AEBP1	-7.65305				FALSE
hsa-miR-1307	PDE1A	-7.65258				FALSE
hsa-miR-181c*	SOD2	-7.6512				FALSE
hsa-miR-144*	ITGA11	-7.65008				FALSE
hsa-miR-301a	LRP10	-7.64902				FALSE
hsa-miR-30e*	SNAI2	-7.64896				FALSE
hsa-let-7e*	IFNG	-7.6489				FALSE
hsa-miR-200a*	COL6A3	-7.64715				FALSE
hsa-miR-192	FRMD6	-7.64687				FALSE
hsa-miR-7-1*	TGFB11	-7.64641				FALSE
hsa-miR-192	CYTH3	-7.64619				FALSE
hsa-miR-16-2*	SGCD	-7.64186				FALSE
hsa-miR-33a	SERPING1	-7.64088				FALSE
hsa-miR-3677-3p	FCER1A	-7.64078				FALSE
hsa-miR-200b*	MRC2	-7.64073				FALSE
hsa-miR-16-2*	TIMP3	-7.64068				FALSE
hsa-miR-101	CDC6	-7.64028				FALSE
hsa-miR-3615	PLAC9	-7.63933				FALSE
hsa-miR-29b-1*	PBX1	-7.63852				FALSE
hsa-miR-181c*	SPR	-7.63803				FALSE
hsa-let-7e*	SQRDL	-7.63681				FALSE
hsa-miR-425	SNED1	-7.63677				FALSE
hsa-miR-425*	DACT3	-7.63039				FALSE
hsa-miR-200a*	TAGLN	-7.62948				FALSE
hsa-miR-30a	MKI67	-7.62935				FALSE
hsa-miR-200b*	RASL12	-7.62776				FALSE
hsa-miR-937	SH3BGRL	-7.62702				FALSE
hsa-miR-100	SLC26A6	-7.62442				FALSE
hsa-miR-483-5p	CREBL2	-7.62413				FALSE
hsa-miR-29c	CD276	-7.62329	-0.3058	-0.262	0.881	FALSE
hsa-miR-200b*	COL1A2	-7.62087				FALSE
hsa-miR-3065-3p	C21orf7	-7.62036				FALSE
hsa-miR-29c	CCNB2	-7.61981				FALSE
hsa-miR-18a	PIK3IP1	-7.61887		-0.074		FALSE
hsa-miR-200a	LAMA4	-7.61801				FALSE
hsa-miR-30e*	FN1	-7.61747				FALSE
hsa-miR-150	HDAC2	-7.61731				FALSE
hsa-miR-103a-2*	GPR124	-7.61396				FALSE
hsa-miR-3614-5p	DACT3	-7.61285				FALSE
hsa-miR-652	ANTXR1	-7.61209				FALSE
hsa-miR-16-2*	AOC3	-7.61144				FALSE
hsa-miR-29c	POLR3D	-7.6099		-0.036	0.0108	FALSE
hsa-miR-301a	MYH11	-7.60951	-0.1511	-0.198		FALSE
hsa-miR-25	ITM2B	-7.60691	-1.592	-0.246	0.3648	FALSE
hsa-miR-101	ARHGAP11/	-7.60534				FALSE

hsa-miR-29c	GNAI3	-7.60459				FALSE
hsa-miR-942	PBXIP1	-7.60335				FALSE
hsa-miR-429	FLI1	-7.60283	-1.2904	-0.453		FALSE
hsa-miR-500a*	ITGA3	-7.60218				FALSE
hsa-miR-532-3p	FAP	-7.60092				FALSE
hsa-let-7i*	PLA2G12A	-7.60079				FALSE
hsa-miR-200b	ATP8B2	-7.60032				FALSE
hsa-miR-145*	DNA2	-7.59956				FALSE
hsa-miR-200c	LDB2	-7.59954				FALSE
hsa-miR-425*	PMP22	-7.59801				FALSE
hsa-miR-3065-5p	MSRB3	-7.59771				FALSE
hsa-miR-200c*	ZFPM2	-7.59624				FALSE
hsa-miR-200c	FERMT2	-7.59429	-0.6769	-0.239	0.1485	FALSE
hsa-miR-199b-3p	DHTKD1	-7.59379				FALSE
hsa-miR-214	KIAA1468	-7.59325	-0.1895			FALSE
hsa-miR-96	AXL	-7.59252				FALSE
hsa-miR-92a-1*	IL1R1	-7.59206				FALSE
hsa-miR-136*	NFATC2IP	-7.59132				FALSE
hsa-miR-16-2*	LRRC32	-7.59107				FALSE
hsa-miR-101*	CKAP4	-7.59035				FALSE
hsa-miR-223	TRIM45	-7.58888				FALSE
hsa-miR-141	KANK2	-7.58879		-0.1588	0.109	FALSE
hsa-miR-200b	SNAI2	-7.58849	-1.0851	-0.2135	0.1792	FALSE
hsa-miR-194	CNN1	-7.58766				FALSE
hsa-let-7e*	GZMH	-7.58765				FALSE
hsa-miR-192	ZCCHC24	-7.58695				FALSE
hsa-miR-92a-1*	ARHGAP1	-7.58627				FALSE
hsa-miR-19a	PODN	-7.58618				FALSE
hsa-miR-577	ECM2	-7.58572				FALSE
hsa-miR-106b	STOM	-7.58276	-0.6323	-0.3745		FALSE
hsa-miR-16	HMCN1	-7.58262				FALSE
hsa-miR-92a	RNASE6	-7.58257				FALSE
hsa-miR-16-2*	EMCN	-7.58242				FALSE
hsa-miR-16-2*	CACNA1C	-7.58215				FALSE
hsa-miR-15b*	IL33	-7.58148				FALSE
hsa-miR-106b*	CLN5	-7.58129				FALSE
hsa-miR-22	ACVR2B	-7.57954		-0.219	0.3257	FALSE
hsa-miR-22*	SP4	-7.57913				FALSE
hsa-miR-577	COL5A1	-7.57906				FALSE
hsa-miR-93	OGN	-7.57847	-0.753			FALSE
hsa-miR-107	HTRA3	-7.57764				FALSE
hsa-miR-1226	ASPN	-7.57547				FALSE
hsa-miR-425*	MMP2	-7.57447				FALSE
hsa-miR-141	FAP	-7.57371	-0.9753	-0.301	0.1737	FALSE
hsa-miR-29c	GINS1	-7.57205		-0.034	0.0107	FALSE

hsa-miR-141*	DACT1	-7.57127			FALSE
hsa-miR-92a	TMEM59	-7.57092			FALSE
hsa-miR-29b-1*	GPRASP1	-7.57058			FALSE
hsa-miR-210	MGP	-7.56828			FALSE
hsa-miR-107	TAGLN	-7.568			FALSE
hsa-miR-194*	GAS6	-7.56792			FALSE
hsa-miR-29c	CHEK1	-7.56732			FALSE
hsa-miR-370	HSBP1L1	-7.56727			FALSE
hsa-miR-212	GTF2IRD2B	-7.5657			FALSE
hsa-miR-101	LRRC59	-7.56502			FALSE
hsa-miR-155	ARHGAP32	-7.56454			FALSE
hsa-miR-200b	COL3A1	-7.56383	-0.2198		FALSE
hsa-miR-101	PKM	-7.563			FALSE
hsa-miR-21*	ZNF540	-7.56281			FALSE
hsa-miR-429	EMP3	-7.56269			FALSE
hsa-miR-194	NXN	-7.56223			FALSE
hsa-miR-141*	VIM	-7.56166			FALSE
hsa-miR-200b	TSHZ3	-7.56133			FALSE
hsa-miR-22	TFAP4	-7.5603			FALSE
hsa-miR-127-3p	NFATC2IP	-7.55941			FALSE
hsa-miR-18b	FYCO1	-7.5594			FALSE
hsa-miR-18b	LRP10	-7.55827			FALSE
hsa-miR-577	GLT8D2	-7.55793			FALSE
hsa-miR-194*	SFRP2	-7.55705			FALSE
hsa-miR-425	TNS1	-7.55313			FALSE
hsa-miR-200a*	LMOD1	-7.55201			FALSE
hsa-miR-200b*	P4HA3	-7.55102			FALSE
hsa-miR-331-5p	LMOD1	-7.55003			FALSE
hsa-miR-15b	OGN	-7.54948			FALSE
hsa-miR-194*	CTGF	-7.54932			FALSE
hsa-miR-106b	NEXN	-7.54906	-0.1115		FALSE
hsa-miR-21*	ZFP2	-7.54849			FALSE
hsa-miR-200a	PTRF	-7.54797			FALSE
hsa-miR-33b	LTBP3	-7.54779		-0.113	FALSE
hsa-miR-106a	MVP	-7.54708			FALSE
hsa-miR-25	PHLDA3	-7.54647			FALSE
hsa-miR-200b	GNG2	-7.54577	-0.5892	-0.167	FALSE
hsa-miR-141*	COL6A3	-7.54573			FALSE
hsa-miR-210	LDB2	-7.54294			FALSE
hsa-miR-194*	TAGLN	-7.54219			FALSE
hsa-miR-3677-3p	CYBRD1	-7.54006			FALSE
hsa-miR-21*	DNAJC4	-7.53964			FALSE
hsa-miR-942	OGN	-7.53949			FALSE
hsa-miR-210	ITM2A	-7.53824			FALSE
hsa-miR-877	ASPN	-7.53661			FALSE

hsa-miR-200c	CCDC80	-7.53634				FALSE
hsa-miR-423-3p	BGN	-7.5351				FALSE
hsa-miR-181d	HPSE	-7.535				FALSE
hsa-miR-324-5p	TPSB2	-7.53497				FALSE
hsa-miR-30e*	MMP1	-7.53491				FALSE
hsa-miR-30a	CCNB2	-7.53456				FALSE
hsa-miR-192	HTRA1	-7.53375		-0.099	0.0897	FALSE
hsa-miR-200b	COL6A3	-7.53349				FALSE
hsa-miR-3200-3p	FLT3LG	-7.53316				FALSE
hsa-miR-339-3p	CYS1	-7.5322				FALSE
hsa-miR-337-3p	PSME2	-7.53207				FALSE
hsa-miR-651	PODN	-7.53179				FALSE
hsa-miR-1296	PSMB10	-7.53082				FALSE
hsa-miR-200b	LIX1L	-7.52939				FALSE
hsa-miR-3615	DACT3	-7.52894				FALSE
hsa-miR-32	ACTA2	-7.52877				FALSE
hsa-miR-200c*	DCHS1	-7.52821				FALSE
hsa-miR-141*	GPR124	-7.52787				FALSE
hsa-miR-30c	CFH	-7.52532				FALSE
hsa-miR-16-2*	ACTA2	-7.52517				FALSE
hsa-let-7g*	CPA3	-7.52512				FALSE
hsa-miR-200a*	C1S	-7.52454				FALSE
hsa-miR-200a*	MMP2	-7.52332				FALSE
hsa-miR-194*	COL1A2	-7.52301				FALSE
hsa-miR-141	GNG11	-7.52217				FALSE
hsa-miR-210	ISCU	-7.52196	-1.0988	-0.437	0.2418	FALSE
hsa-miR-23a*	GADD45G	-7.52165				FALSE
hsa-miR-15b*	ASPN	-7.51879				FALSE
hsa-miR-92a	VAMP5	-7.51823				FALSE
hsa-miR-101	ASPM	-7.51823				FALSE
hsa-miR-652	CALD1	-7.51821				FALSE
hsa-miR-25	POLD4	-7.51676				FALSE
hsa-miR-576-5p	MS4A2	-7.51641				FALSE
hsa-miR-141	EMCN	-7.51396	-0.668	-0.305	0.1667	FALSE
hsa-miR-22	NSMCE4A	-7.51291	-0.1654			FALSE
hsa-miR-532-5p	FHL3	-7.5113				FALSE
hsa-miR-148b	MXRA5	-7.50916				FALSE
hsa-let-7a*	MGAT4A	-7.50897				FALSE
hsa-miR-141	FILIP1L	-7.50866				FALSE
hsa-miR-454	SGCD	-7.50706				FALSE
hsa-miR-93	ITM2B	-7.50487				FALSE
hsa-miR-148b	COL5A2	-7.50295				FALSE
hsa-miR-183	GIMAP5	-7.50267				FALSE
hsa-miR-2355-3p	BCL2	-7.50258				FALSE
hsa-miR-30c	KIF26B	-7.50141				FALSE

hsa-miR-625	SGCD	-7.50134				FALSE
hsa-miR-200b	PDE2A	-7.50116				FALSE
hsa-miR-141*	TIMP2	-7.50085				FALSE
hsa-miR-30a	NUSAP1	-7.50024				FALSE
hsa-miR-200c	KDELC1	-7.49939	-1.2499	-0.486	0.2071	FALSE
hsa-miR-19b-1*	PBXIP1	-7.49915				FALSE
hsa-miR-191	MMP2	-7.49834				FALSE
hsa-miR-200a	ADAMTS12	-7.49785				FALSE
hsa-miR-92a	PQLC3	-7.49766	-0.6099			FALSE
hsa-miR-15b*	MSRB3	-7.49528				FALSE
hsa-miR-92a-1*	AEBP1	-7.49419				FALSE
hsa-miR-223	ZNF446	-7.49316				FALSE
hsa-miR-22	BRD8	-7.49312				FALSE
hsa-miR-379	FUK	-7.49136				FALSE
hsa-miR-425	PLSCR4	-7.49091	-0.6764	-0.638	0.1428	FALSE
hsa-miR-652	CNN1	-7.4907				FALSE
hsa-miR-191	GLT8D2	-7.4907				FALSE
hsa-miR-199a-5p	NFATC2IP	-7.48754	-0.1775	-0.185	0.0687	FALSE
hsa-miR-18a*	ECM2	-7.48727				FALSE
hsa-miR-200a	TIMP2	-7.4866				FALSE
hsa-miR-15b	COMP	-7.48604				FALSE
hsa-miR-378	LEPRE1	-7.48594				FALSE
hsa-miR-200a*	GPR124	-7.48456				FALSE
hsa-miR-101	CCNB1	-7.4834		-0.125		FALSE
hsa-let-7e*	MLKL	-7.48334				FALSE
hsa-miR-181c	GRPEL1	-7.48047	-0.1949			FALSE
hsa-miR-21	POLR3B	-7.48031	-1.2326	-0.462		FALSE
hsa-miR-200b*	SNAI2	-7.48005				FALSE
hsa-miR-376c	CCNDBP1	-7.47989				FALSE
hsa-miR-505	SPARCL1	-7.47815				FALSE
hsa-miR-30a	NCAPH	-7.47623				FALSE
hsa-miR-194*	COL10A1	-7.47171				FALSE
hsa-miR-22*	SMAD4	-7.47143				FALSE
hsa-miR-16-2*	LAMA2	-7.47141				FALSE
hsa-miR-589*	SYNE1	-7.46897				FALSE
hsa-miR-17*	TAGLN	-7.46849				FALSE
hsa-miR-378	GLT8D2	-7.46842				FALSE
hsa-miR-99a	AURKA	-7.46764				FALSE
hsa-miR-937	GTF2IRD2B	-7.46478				FALSE
hsa-miR-92a-1*	ASPN	-7.46329				FALSE
hsa-miR-3615	MGP	-7.46309				FALSE
hsa-miR-141*	HTRA3	-7.46304				FALSE
hsa-miR-192*	CNRIP1	-7.46247				FALSE
hsa-miR-30a*	E2F2	-7.46214				FALSE
hsa-miR-101	CCNA2	-7.46124				FALSE

hsa-miR-186	MYH11	-7.46117				FALSE
hsa-miR-20a	ITGBL1	-7.46096		-0.163		FALSE
hsa-miR-627	GPR124	-7.46081				FALSE
hsa-miR-200b*	KDELC1	-7.46079				FALSE
hsa-miR-194*	CMTM3	-7.4607				FALSE
hsa-miR-194*	FIBIN	-7.45865				FALSE
hsa-miR-22*	SCAPER	-7.45849				FALSE
hsa-miR-181c	PPIF	-7.45589	-0.4411			FALSE
hsa-miR-410	TRADD	-7.45562				FALSE
hsa-miR-200b*	OLFML3	-7.45525				FALSE
hsa-miR-664	CCNA2	-7.45511				FALSE
hsa-miR-429	FAM26E	-7.45341		-0.064		FALSE
hsa-miR-423-3p	PODN	-7.45313				FALSE
hsa-miR-183	GIMAP7	-7.45135				FALSE
hsa-miR-18b	COL8A1	-7.45017				FALSE
hsa-miR-192*	ASPN	-7.44893				FALSE
hsa-miR-30e	LOXL2	-7.4487				FALSE
hsa-miR-30e*	COL6A3	-7.44627				FALSE
hsa-miR-200a	ECM2	-7.44618	-0.1637			FALSE
hsa-miR-21	GKAP1	-7.44553				FALSE
hsa-miR-24-2*	KAT6B	-7.44543				FALSE
hsa-miR-194	FERMT2	-7.44351	-0.4885	-0.299		FALSE
hsa-miR-92a-1*	LMOD1	-7.44326				FALSE
hsa-miR-19b	CNN1	-7.44288				FALSE
hsa-miR-222	CXXC4	-7.44239				FALSE
hsa-miR-493*	HDHD3	-7.44239				FALSE
hsa-miR-200b*	EDNRA	-7.44232				FALSE
hsa-miR-652	CORIN	-7.44217				FALSE
hsa-miR-30a	FOXM1	-7.43838				FALSE
hsa-miR-125a-5p	AURKA	-7.43818				FALSE
hsa-miR-200c*	GALNTL2	-7.43814				FALSE
hsa-miR-141*	RASL12	-7.43793				FALSE
hsa-miR-429	NID2	-7.43599				FALSE
hsa-miR-18a	TNFSF12	-7.43577				FALSE
hsa-miR-17	PRELP	-7.43535		-0.0374		FALSE
hsa-miR-96	FLI1	-7.43376				FALSE
hsa-miR-130a	KIF13B	-7.4333				FALSE
hsa-miR-200b	NRP1	-7.43204	-0.1305			FALSE
hsa-miR-30e*	SERPINE1	-7.43197				FALSE
hsa-miR-22*	ALDH6A1	-7.43183				FALSE
hsa-miR-15b	CNN1	-7.43179		-0.069		FALSE
hsa-miR-15a	ARL2	-7.43036	-0.3551	-0.421	0.9432	FALSE
hsa-miR-651	JAM3	-7.42979				FALSE
hsa-miR-16-2*	CPA3	-7.4283				FALSE
hsa-miR-148b	COL6A2	-7.42714				FALSE

hsa-miR-200b*	ANGPTL2	-7.42664				FALSE
hsa-miR-423-3p	CPA3	-7.42635				FALSE
hsa-miR-148b	COL3A1	-7.42587				FALSE
hsa-miR-19a	OGN	-7.42291				FALSE
hsa-miR-1180	KCNMB1	-7.42193				FALSE
hsa-miR-339-5p	PODN	-7.42184				FALSE
hsa-miR-29b	KDELFC1	-7.42136	-0.4583	-0.321	0.1985	FALSE
hsa-miR-7-1*	MSRB3	-7.4213				FALSE
hsa-miR-92a-1*	ECM2	-7.42091				FALSE
hsa-miR-22	ZNF620	-7.4203				FALSE
hsa-miR-32	FN1	-7.41998				FALSE
hsa-miR-141	MYCT1	-7.41993				FALSE
hsa-miR-125a-5p	CHAC2	-7.41676				FALSE
hsa-miR-19b	HEPH	-7.41557				FALSE
hsa-miR-200a*	ARSI	-7.41438				FALSE
hsa-miR-19a	LTBP3	-7.41425				FALSE
hsa-miR-429	OLFML2B	-7.41312				FALSE
hsa-miR-18a	PRELP	-7.41233				FALSE
hsa-miR-93*	MRVI1	-7.41228				FALSE
hsa-miR-200c	PPAPDC3	-7.41226				FALSE
hsa-miR-21*	C22orf32	-7.41208				FALSE
hsa-miR-22*	EPC1	-7.40982				FALSE
hsa-miR-92a-1*	HTRA1	-7.40974				FALSE
hsa-miR-15b*	CASQ2	-7.40964				FALSE
hsa-miR-200b	VIM	-7.40963				FALSE
hsa-miR-429	ECM2	-7.4094				FALSE
hsa-miR-30b	GLIPR1	-7.40913				FALSE
hsa-miR-664	BIRC5	-7.40785				FALSE
hsa-miR-141	SPARCL1	-7.40757				FALSE
hsa-miR-30d*	MFAP5	-7.40707				FALSE
hsa-miR-200a*	SERPING1	-7.40651				FALSE
hsa-miR-200c*	THY1	-7.40596				FALSE
hsa-miR-16	OGN	-7.40508				FALSE
hsa-miR-29c	DBN1	-7.40429				FALSE
hsa-miR-107	LMOD1	-7.40354	-0.1196	-0.145	0.0093	FALSE
hsa-miR-29c	CDCA4	-7.40054	-0.2709	-0.159	0.4287	FALSE
hsa-miR-423-3p	CNN1	-7.40009				FALSE
hsa-miR-194	COL5A2	-7.3996				FALSE
hsa-miR-18b	SCN7A	-7.39861				FALSE
hsa-miR-200c*	EMP3	-7.39845				FALSE
hsa-miR-429	IKBIP	-7.39701				FALSE
hsa-miR-200a*	FN1	-7.39532				FALSE
hsa-miR-660	FAP	-7.39532				FALSE
hsa-miR-19b	FYCO1	-7.39513				FALSE
hsa-miR-19a	ZCCHC24	-7.39249				FALSE

hsa-miR-101	PGM3	-7.39161	FALSE
hsa-miR-324-3p	IGFBP7	-7.39049	FALSE
hsa-miR-17	ECM2	-7.39039	FALSE
hsa-miR-21*	NDRG2	-7.38922	FALSE
hsa-miR-629*	PBXIP1	-7.38743	FALSE
hsa-miR-141	PMP22	-7.38684	FALSE
hsa-miR-18a	SERINC1	-7.3865	FALSE
hsa-miR-379	AP1G2	-7.38563	FALSE
hsa-miR-92a	LMOD1	-7.38545	FALSE
hsa-miR-1227	GAPT	-7.38529	FALSE
hsa-miR-33a*	PKIG	-7.38446	FALSE
hsa-miR-130b*	MVP	-7.38441	FALSE
hsa-miR-141*	P4HA3	-7.38299	FALSE
hsa-miR-15b	BGN	-7.38246	FALSE
hsa-miR-3127-5p	OGN	-7.38195	FALSE
hsa-miR-200a	ARHGAP31	-7.38163	FALSE
hsa-miR-200b	CMTM3	-7.38028	FALSE
hsa-miR-16-2*	HMCN1	-7.38016	FALSE
hsa-miR-210	COL14A1	-7.38011	FALSE
hsa-miR-141	ARHGAP31	-7.37977	FALSE
hsa-miR-223*	ZBED5	-7.37921	FALSE
hsa-miR-22	PCMTD2	-7.3784	FALSE
hsa-miR-30a*	CCNB1	-7.3759	FALSE
hsa-miR-30d*	NEXN	-7.37392	FALSE
hsa-miR-16-2*	ENPP2	-7.37172	FALSE
hsa-miR-421	LMOD1	-7.37098	FALSE
hsa-miR-193a-5p	RPAIN	-7.37048	FALSE
hsa-miR-495	TRADD	-7.37028	FALSE
hsa-miR-93*	OGN	-7.3685	FALSE
hsa-miR-577	TIMP3	-7.36846	FALSE
hsa-miR-194*	TIMP3	-7.36812	FALSE
hsa-miR-149	HLA-DMB	-7.36795	FALSE
hsa-miR-30a	E2F2	-7.36641	FALSE
hsa-miR-671-5p	EMCN	-7.36294	FALSE
hsa-miR-423-3p	MGP	-7.36281	FALSE
hsa-miR-30d*	FMOD	-7.36268	FALSE
hsa-miR-126*	COL8A2	-7.36257	FALSE
hsa-miR-200a	C1R	-7.36025	FALSE
hsa-miR-627	MRVI1	-7.35979	FALSE
hsa-miR-20b	CAST	-7.35949	FALSE
hsa-miR-141*	CTHRC1	-7.35923	FALSE
hsa-miR-577	MRVI1	-7.35914	FALSE
hsa-miR-200c	MXRA8	-7.359	FALSE
hsa-miR-16-2*	ZEB1	-7.35856	FALSE
hsa-miR-15b	IGF2	-7.35523	FALSE

hsa-miR-200b*	PCOLCE	-7.35512				FALSE
hsa-miR-141*	FAP	-7.35507				FALSE
hsa-miR-141*	FILIP1L	-7.35478				FALSE
hsa-miR-30d*	ARSI	-7.35348				FALSE
hsa-miR-25	CFH	-7.35193				FALSE
hsa-miR-181c	TUBA1C	-7.35183				FALSE
hsa-miR-425*	GAS7	-7.35104				FALSE
hsa-let-7a*	DNAJB9	-7.35083				FALSE
hsa-miR-3065-5p	ENTPD1	-7.35057				FALSE
hsa-miR-101	MELK	-7.34952	-0.247			FALSE
hsa-miR-16-2*	GPR124	-7.34862				FALSE
hsa-miR-590-5p	ZCCHC24	-7.34838				FALSE
hsa-miR-192*	COL1A2	-7.34834				FALSE
hsa-miR-106b	ZCCHC24	-7.34777				FALSE
hsa-miR-20a	OGN	-7.3476	-0.7523			FALSE
hsa-miR-590-5p	AKAP13	-7.34655				FALSE
hsa-miR-194*	TGFB11	-7.34331				FALSE
hsa-miR-19a	C3	-7.34245				FALSE
hsa-miR-200c*	HTRA1	-7.34243				FALSE
hsa-miR-423-3p	GPR124	-7.34181				FALSE
hsa-miR-93*	FAP	-7.34177				FALSE
hsa-miR-223	YPEL1	-7.34124	-0.1209	-0.1565	0.0836	FALSE
hsa-miR-425	AKAP13	-7.33968				FALSE
hsa-miR-25	MR1	-7.339				FALSE
hsa-miR-200a*	QKI	-7.33882				FALSE
hsa-miR-3127-5p	NNMT	-7.33798				FALSE
hsa-miR-889	TRADD	-7.33773				FALSE
hsa-miR-200b*	COL5A1	-7.33765				FALSE
hsa-miR-127-3p	CCDC125	-7.33763				FALSE
hsa-miR-379	TMEM80	-7.33608				FALSE
hsa-miR-96	MSRB3	-7.33336				FALSE
hsa-miR-766	LMBRD1	-7.33319				FALSE
hsa-miR-200a*	COL3A1	-7.33313				FALSE
hsa-miR-425	PRELP	-7.33157	-0.1038			FALSE
hsa-miR-29b-2*	COL5A2	-7.33085				FALSE
hsa-miR-30d	TNFAIP6	-7.33007				FALSE
hsa-miR-194	RAB31	-7.33	-0.4531	-0.127		FALSE
hsa-miR-16	SPON1	-7.32676				FALSE
hsa-miR-30e*	TNFAIP6	-7.3256				FALSE
hsa-miR-502-3p	MSRB3	-7.32514				FALSE
hsa-miR-1307	PFDN5	-7.3245				FALSE
hsa-miR-30a	AVEN	-7.32319	-0.8692	-0.679	0.447	FALSE
hsa-miR-21	ING5	-7.32315				FALSE
hsa-miR-22*	SIRT1	-7.32268				FALSE
hsa-miR-29c*	COL5A1	-7.32046				FALSE

hsa-miR-30d*	LEPRE1	-7.31968					FALSE
hsa-miR-30d*	ECM2	-7.31965					FALSE
hsa-miR-200b	COL1A2	-7.31882					FALSE
hsa-miR-219-1-3p	SERPING1	-7.31696					FALSE
hsa-miR-17	MS4A2	-7.31633					FALSE
hsa-miR-29c*	MAP4K4	-7.31628					FALSE
hsa-miR-22*	PCM1	-7.31623					FALSE
hsa-miR-125a-5p	SKA1	-7.31586		-0.1098			FALSE
hsa-miR-16-2*	F13A1	-7.31518					FALSE
hsa-miR-29b-1*	LMOD1	-7.31486					FALSE
hsa-miR-200c*	TAGLN	-7.31304					FALSE
hsa-miR-30d	GPX8	-7.3125					FALSE
hsa-miR-194	CYTH3	-7.31173					FALSE
hsa-miR-148b	CALD1	-7.31157					FALSE
hsa-miR-30d*	PTRF	-7.31093					FALSE
hsa-miR-200a*	AKAP2	-7.31055					FALSE
hsa-miR-99a	LDHA	-7.3105					FALSE
hsa-miR-20a	PODN	-7.30928		-0.101			FALSE
hsa-miR-194	RBMS3	-7.3087					FALSE
hsa-miR-200b	MMP2	-7.30707					FALSE
hsa-miR-3677-3p	PBXIP1	-7.30675					FALSE
hsa-miR-142-5p	ARHGAP32	-7.30669					FALSE
hsa-miR-30d*	PRRX1	-7.30668					FALSE
hsa-miR-210	SYNE1	-7.3061					FALSE
hsa-miR-500a*	ASPN	-7.30545					FALSE
hsa-miR-34a	TMEFF1	-7.30531	-1.0941	-0.254	0.1503		FALSE
hsa-miR-106b	MYOF	-7.30317					FALSE
hsa-miR-17*	LMOD1	-7.30256					FALSE
hsa-miR-1296	LST1	-7.30211					FALSE
hsa-miR-29b-2*	ARSI	-7.30195					FALSE
hsa-miR-194*	CERCAM	-7.30187					FALSE
hsa-miR-576-5p	CACNA1C	-7.3006					FALSE
hsa-miR-183	GIMAP2	-7.30054					FALSE
hsa-miR-9	MYOF	-7.29979					FALSE
hsa-miR-22	ZNF830	-7.29972					FALSE
hsa-miR-106a	MYOF	-7.29969					FALSE
hsa-miR-590-5p	SNED1	-7.29879		-0.069	0.0574		FALSE
hsa-miR-141*	TAGLN	-7.2987					FALSE
hsa-miR-141*	ACTA2	-7.29714					FALSE
hsa-miR-30d*	ITGA11	-7.297					FALSE
hsa-miR-651	BGN	-7.29681					FALSE
hsa-miR-200a	OSTM1	-7.29678					FALSE
hsa-miR-15b	SSC5D	-7.29595					FALSE
hsa-miR-328	SFN	-7.29594					FALSE
hsa-miR-30a	DLGAP5	-7.2956					FALSE

hsa-miR-29c*	COL5A2	-7.29546				FALSE
hsa-miR-191	MS4A2	-7.29527				FALSE
hsa-miR-30d	GLT8D2	-7.29251				FALSE
hsa-miR-30d	ASPN	-7.29195				FALSE
hsa-miR-103a-2*	PODN	-7.2919				FALSE
hsa-miR-32	OMD	-7.29102				FALSE
hsa-miR-181c	ARPC1A	-7.29084	-0.9283	-0.155		FALSE
hsa-miR-30c	OLFML2B	-7.29038	-0.2293			FALSE
hsa-miR-16-2*	JAM2	-7.28961				FALSE
hsa-miR-29c	NT5DC2	-7.28907				FALSE
hsa-miR-145	DNA2	-7.28876				FALSE
hsa-miR-93	SNED1	-7.28804				FALSE
hsa-miR-421	PRELP	-7.28645				FALSE
hsa-miR-200a*	ZFPM2	-7.28629				FALSE
hsa-miR-15b	C1QTNF7	-7.2862				FALSE
hsa-miR-409-3p	HSBP1L1	-7.2857				FALSE
hsa-miR-29a	PRPSAP2	-7.28548				FALSE
hsa-miR-451	COL10A1	-7.28542				FALSE
hsa-miR-141	CCDC80	-7.28448	-1.231	-0.342	0.3871	FALSE
hsa-miR-27a*	ZNF446	-7.28317				FALSE
hsa-miR-3127-5p	NEGR1	-7.28253				FALSE
hsa-miR-200c*	PTRF	-7.2814				FALSE
hsa-miR-192*	COL6A2	-7.28084				FALSE
hsa-miR-30e*	P4HA2	-7.27998				FALSE
hsa-miR-192*	ECM2	-7.27831				FALSE
hsa-miR-200b*	EMP3	-7.27799				FALSE
hsa-miR-144*	COL10A1	-7.27788				FALSE
hsa-miR-1307	NNMT	-7.27683				FALSE
hsa-miR-101	MAPK6	-7.27662	-0.6562	-0.359	0.2893	FALSE
hsa-miR-576-5p	MYH11	-7.27628				FALSE
hsa-miR-181c	GAPDH	-7.2741				FALSE
hsa-miR-21	PAIP2B	-7.27334	-0.2043	-0.4263	0.3157	FALSE
hsa-miR-200b	P4HA3	-7.27306				FALSE
hsa-miR-192	ASPN	-7.27301				FALSE
hsa-miR-378	CTHRC1	-7.27256				FALSE
hsa-miR-576-5p	PLAC9	-7.27151				FALSE
hsa-miR-194	ADAM12	-7.27149	-0.2645			FALSE
hsa-miR-3200-3p	MMP28	-7.27089				FALSE
hsa-miR-141	FBN1	-7.26828				FALSE
hsa-miR-615-3p	MYOF	-7.26818				FALSE
hsa-miR-423-3p	IGFBP7	-7.26765				FALSE
hsa-miR-3200-3p	PSMB10	-7.26745				FALSE
hsa-miR-326	RPS6	-7.26737				FALSE
hsa-miR-101	MCM10	-7.26663				FALSE
hsa-miR-30d	COL5A2	-7.26432	-0.3076	-0.233		FALSE

hsa-miR-589	PBXIP1	-7.263				FALSE
hsa-miR-20b	SBDS	-7.26296				FALSE
hsa-miR-425*	ECM2	-7.26262				FALSE
hsa-miR-149	FGL2	-7.26229				FALSE
hsa-miR-33a	SYNE1	-7.26126				FALSE
hsa-miR-92a-1*	ITGA11	-7.26068				FALSE
hsa-miR-19b-1*	BGN	-7.25853				FALSE
hsa-miR-200c*	FBN1	-7.25763				FALSE
hsa-miR-223	PCMTD2	-7.25717				FALSE
hsa-miR-664	DLGAP5	-7.25556				FALSE
hsa-miR-429	HEG1	-7.25511	-0.2132	-0.518	0.2559	FALSE
hsa-miR-375	ALPK2	-7.25477				FALSE
hsa-miR-22*	KIF27	-7.25447				FALSE
hsa-miR-940	CYBRD1	-7.25359				FALSE
hsa-miR-590-5p	ZBTB4	-7.253				FALSE
hsa-miR-411	CDK5RAP3	-7.25219				FALSE
hsa-miR-141*	COL5A2	-7.25174				FALSE
hsa-miR-141	COL6A3	-7.25172				FALSE
hsa-miR-19a	PRELP	-7.25147				FALSE
hsa-miR-141*	AGTR1	-7.25036				FALSE
hsa-miR-92a	OLFML3	-7.25029				FALSE
hsa-miR-194*	FBLN5	-7.24901				FALSE
hsa-miR-25	STOM	-7.249	-0.1863	-0.2453		FALSE
hsa-miR-18a	HPGDS	-7.24843				FALSE
hsa-miR-93	CFH	-7.24731				FALSE
hsa-miR-30e*	POSTN	-7.24712				FALSE
hsa-miR-590-5p	SHROOM4	-7.24603				FALSE
hsa-miR-30a	CCNF	-7.24507	-0.2247	-0.111		FALSE
hsa-miR-664	KIAA1524	-7.2449				FALSE
hsa-miR-33a*	KCTD12	-7.2448				FALSE
hsa-miR-106b	LATS2	-7.24474	-0.2204			FALSE
hsa-miR-130b	GAPT	-7.24471				FALSE
hsa-miR-660	COL5A2	-7.2432				FALSE
hsa-miR-194	CTHRC1	-7.24268	-0.7742			FALSE
hsa-miR-105	CARD11	-7.24265				FALSE
hsa-miR-423-3p	OGN	-7.24254				FALSE
hsa-miR-205	INPPL1	-7.24203	-0.4287	-0.297	0.4264	FALSE
hsa-miR-1180	DCN	-7.24202				FALSE
hsa-miR-942	C1QTNF7	-7.24199				FALSE
hsa-miR-30d*	LAMA4	-7.24173				FALSE
hsa-miR-32	BNC2	-7.24115		-0.077		FALSE
hsa-miR-32	TIMP2	-7.24112				FALSE
hsa-miR-192	TGFB11	-7.24108				FALSE
hsa-miR-3127-5p	CNRIP1	-7.24024				FALSE
hsa-miR-18b	HPGDS	-7.24022				FALSE

hsa-miR-194	LEPRE1	-7.23914			FALSE
hsa-miR-3615	MYL9	-7.23875			FALSE
hsa-miR-200a*	POSTN	-7.23861			FALSE
hsa-miR-423-3p	ASPN	-7.23856			FALSE
hsa-miR-181c	ENO1	-7.23836			FALSE
hsa-miR-874	RPL35	-7.2379			FALSE
hsa-miR-532-5p	HTRA3	-7.23722			FALSE
hsa-miR-93	PLN	-7.23648			FALSE
hsa-miR-127-3p	HSBP1L1	-7.23642			FALSE
hsa-miR-200a	SYDE1	-7.23532			FALSE
hsa-miR-3615	PODN	-7.23519			FALSE
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hsa-miR-652	NOX4	-7.23456			FALSE
hsa-miR-1180	MYL12A	-7.23442			FALSE
hsa-miR-30c-2*	DDX39A	-7.23408			FALSE
hsa-miR-129-5p	GBP2	-7.23396			FALSE
hsa-miR-149	CTSS	-7.23389			FALSE
hsa-miR-200a*	C1R	-7.23387			FALSE
hsa-miR-214*	L2HGDH	-7.23368			FALSE
hsa-miR-616*	CACNA1C	-7.23356			FALSE
hsa-miR-760	MVP	-7.23291			FALSE
hsa-miR-200a*	CNN1	-7.23172			FALSE
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hsa-miR-200b*	BGN	-7.22902			FALSE
hsa-miR-192	MXRA8	-7.22764			FALSE
hsa-miR-30a	NDC80	-7.22749			FALSE
hsa-miR-18a*	MGP	-7.22717			FALSE
hsa-miR-15b*	ZEB1	-7.22702			FALSE
hsa-miR-197	IGFBP7	-7.22691			FALSE
hsa-miR-15b*	MYLK	-7.22681			FALSE
hsa-miR-7-1*	HMCN1	-7.22549			FALSE
hsa-miR-379	ECHDC2	-7.2248			FALSE
hsa-miR-194	PODNL1	-7.22382			FALSE
hsa-miR-26b*	COL6A3	-7.22299			FALSE
hsa-miR-92b	YPEL5	-7.22254			FALSE
hsa-miR-411	AP1G2	-7.2223			FALSE
hsa-miR-92a-1*	CACNA1C	-7.22219			FALSE
hsa-miR-192	COL6A1	-7.22105			FALSE
hsa-miR-22	RBBP4	-7.22022			FALSE
hsa-miR-101*	LAMB1	-7.21955			FALSE
hsa-miR-200b*	DACT1	-7.21952			FALSE
hsa-miR-18a	C1QTNF7	-7.21743	-0.1356	-0.11	FALSE
hsa-miR-210	PDE2A	-7.21729			FALSE
hsa-miR-19a	SYNE1	-7.21694	-0.2386		FALSE
hsa-miR-130b	EFCAB14	-7.21644	-0.1008		FALSE

hsa-miR-590-3p	CACNA1C	-7.21635				FALSE
hsa-miR-148b	P4HA3	-7.21508				FALSE
hsa-miR-96	ZEB1	-7.21455	-1.0339			FALSE
hsa-miR-145*	ANKZF1	-7.21364				FALSE
hsa-miR-629*	PPP1R12B	-7.21334				FALSE
hsa-miR-106b	ECM2	-7.21267				FALSE
hsa-let-7f-1*	DNAJB9	-7.21238				FALSE
hsa-miR-339-3p	CALD1	-7.2123				FALSE
hsa-miR-200b	PCOLCE	-7.21062				FALSE
hsa-miR-200c*	COL8A2	-7.21034				FALSE
hsa-miR-21	MTERFD3	-7.21027				FALSE
hsa-miR-30c	RAB31	-7.20886	-0.3219			FALSE
hsa-miR-18a	SYNE1	-7.20827				FALSE
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hsa-miR-21	ZNF493	-7.20646				FALSE
hsa-miR-18a	AHNAK	-7.2063				FALSE
hsa-miR-29b-2*	FAP	-7.20619				FALSE
hsa-miR-30a	CENPF	-7.20551				FALSE
hsa-miR-328	RPL24	-7.20495				FALSE
hsa-miR-15b*	SFRP4	-7.20469				FALSE
hsa-miR-3127-5p	PLAC9	-7.20433				FALSE
hsa-miR-194*	GAS1	-7.20393				FALSE
hsa-miR-93	CNN1	-7.20303	-0.9474	-0.277	0.1658	FALSE
hsa-miR-214	CCDC125	-7.20192				FALSE
hsa-miR-194*	FKBP7	-7.20147				FALSE
hsa-let-7d*	LY96	-7.20063				FALSE
hsa-miR-107	OMD	-7.2001				FALSE
hsa-miR-200a	P4HA3	-7.19986				FALSE
hsa-let-7g	SCARF2	-7.19751				FALSE
hsa-miR-141	RASL12	-7.19721				FALSE
hsa-miR-16-2*	DACT1	-7.19636				FALSE
hsa-miR-378	TMEM59L	-7.19611				FALSE
hsa-miR-29b	MAGEL2	-7.19555				FALSE
hsa-miR-200b*	TGFB3	-7.1955				FALSE
hsa-miR-150	PEMT	-7.19525				FALSE
hsa-miR-128	CYBRD1	-7.19479				FALSE
hsa-miR-324-5p	HPGDS	-7.19408				FALSE
hsa-miR-125a-5p	DEPDC1	-7.19136				FALSE
hsa-miR-200b*	CILP	-7.18999				FALSE
hsa-miR-127-3p	HDHD3	-7.18881				FALSE
hsa-miR-337-3p	IDO1	-7.18813				FALSE
hsa-miR-421	ASPN	-7.18778				FALSE
hsa-miR-106b	AHNAK2	-7.18367				FALSE
hsa-miR-577	COL1A2	-7.18352				FALSE
hsa-miR-15b*	DCN	-7.18272				FALSE

hsa-miR-326	RPS3A	-7.18256				FALSE
hsa-miR-200a*	GNG2	-7.1825				FALSE
hsa-miR-200b*	ADAM12	-7.18232				FALSE
hsa-miR-31	MCF2L	-7.1823				FALSE
hsa-miR-181a-2*	CD38	-7.18016				FALSE
hsa-miR-200a*	IKBIP	-7.17947				FALSE
hsa-miR-652	FAP	-7.17871				FALSE
hsa-miR-99a	VDAC1	-7.1781				FALSE
hsa-miR-29c*	CALD1	-7.17767				FALSE
hsa-miR-17	CPA3	-7.1769	-0.1994			FALSE
hsa-miR-200b*	SEC23A	-7.17634				FALSE
hsa-miR-181c	PKM	-7.17597				FALSE
hsa-miR-21*	GPRASP1	-7.17535				FALSE
hsa-miR-421	CYBRD1	-7.17508				FALSE
hsa-miR-7-1*	COL6A3	-7.17491				FALSE
hsa-miR-17*	IGFBP7	-7.17402				FALSE
hsa-miR-660	SFRP2	-7.17371				FALSE
hsa-miR-29c*	COL6A3	-7.17356				FALSE
hsa-miR-29c	SPDL1	-7.1731	-0.9481	-0.292	0.0108	FALSE
hsa-miR-125a-5p	DLGAP5	-7.17308				FALSE
hsa-miR-15b*	SYNE1	-7.17277				FALSE
hsa-miR-183	CLEC2B	-7.17263				FALSE
hsa-miR-141*	OLFML2B	-7.16985				FALSE
hsa-miR-502-3p	PXDN	-7.16944				FALSE
hsa-miR-29c*	MEX3A	-7.16807				FALSE
hsa-miR-651	FILIP1L	-7.16752				FALSE
hsa-miR-500a*	PMEPA1	-7.16693				FALSE
hsa-miR-20a	CNN1	-7.16625	-0.9474	-0.277	0.1658	FALSE
hsa-miR-200a*	KATNAL1	-7.16542				FALSE
hsa-miR-32	AEBP1	-7.16517				FALSE
hsa-miR-149	IL15RA	-7.16441				FALSE
hsa-miR-942	SNED1	-7.16385				FALSE
hsa-miR-22	NGDN	-7.16343				FALSE
hsa-miR-96	COL6A3	-7.16313				FALSE
hsa-miR-502-3p	ADAMTS12	-7.16244				FALSE
hsa-miR-1301	MYH11	-7.16135				FALSE
hsa-miR-423-3p	ECM2	-7.16122				FALSE
hsa-miR-18a	TLR5	-7.16059				FALSE
hsa-miR-340*	ARHGAP1	-7.16053				FALSE
hsa-miR-29c	SUV39H2	-7.15982				FALSE
hsa-miR-142-5p	ACVR2B	-7.15973				FALSE
hsa-miR-22*	ACVR2B	-7.15949				FALSE
hsa-miR-200b	QKI	-7.15733	-2.9556	-0.426	0.2196	FALSE
hsa-miR-651	HMCN1	-7.1566				FALSE
hsa-miR-25	CARD6	-7.15597	-0.1055	-0.127		FALSE

hsa-miR-29c*	MFAP2	-7.15509				FALSE
hsa-miR-454	COL6A3	-7.154	-0.3913	-0.19	0.3342	FALSE
hsa-miR-194	PLAU	-7.15384				FALSE
hsa-miR-194*	ANTXR1	-7.15285				FALSE
hsa-miR-532-3p	TGFB11	-7.15275				FALSE
hsa-miR-194*	TIMP2	-7.1527				FALSE
hsa-miR-194*	EHD2	-7.15175				FALSE
hsa-miR-369-5p	NFATC2IP	-7.15171				FALSE
hsa-let-7f-1*	SEC11C	-7.15162				FALSE
hsa-miR-1180	LST1	-7.1516				FALSE
hsa-miR-223	ZNF3	-7.15131				FALSE
hsa-miR-429	COL6A3	-7.15127				FALSE
hsa-miR-19b	SSC5D	-7.15099				FALSE
hsa-miR-200a*	BNC2	-7.14985				FALSE
hsa-miR-200b*	FILIP1L	-7.14951				FALSE
hsa-miR-339-3p	MMP2	-7.14923				FALSE
hsa-miR-149	HNMT	-7.1489				FALSE
hsa-miR-16-2*	MXRA8	-7.14885				FALSE
hsa-miR-192	PODNL1	-7.14876				FALSE
hsa-miR-200b	GPX8	-7.14855	-0.5007			FALSE
hsa-miR-200b*	LATS2	-7.14693				FALSE
hsa-miR-651	ASPN	-7.14656				FALSE
hsa-miR-223	P4HTM	-7.14654				FALSE
hsa-miR-200b*	CTHRC1	-7.14649				FALSE
hsa-miR-18b	OMD	-7.14594				FALSE
hsa-miR-183	GMFG	-7.14445				FALSE
hsa-miR-423-3p	MMRN1	-7.14234				FALSE
hsa-miR-15a	PGM5	-7.14222				FALSE
hsa-miR-15b	FAM198B	-7.14181				FALSE
hsa-miR-33b	SYNPO	-7.14165				FALSE
hsa-miR-141*	EMP3	-7.14118				FALSE
hsa-miR-16-2*	SPON1	-7.14093				FALSE
hsa-miR-27a*	ZNF691	-7.14083				FALSE
hsa-miR-194	PTK7	-7.14018				FALSE
hsa-miR-200c*	KCNE4	-7.13903				FALSE
hsa-miR-577	TPM2	-7.13865				FALSE
hsa-miR-369-5p	AP1G2	-7.13774				FALSE
hsa-miR-200b*	NNMT	-7.13773				FALSE
hsa-miR-17*	TNFSF12	-7.13772				FALSE
hsa-miR-18a*	TXNIP	-7.13772				FALSE
hsa-miR-15a	HEPH	-7.1364				FALSE
hsa-miR-22	YPEL1	-7.13603				FALSE
hsa-miR-30e	FN1	-7.13533				FALSE
hsa-miR-19b	TK2	-7.13495	-0.8938	-0.5286		FALSE
hsa-miR-15a	MYH11	-7.13482				FALSE

hsa-miR-589	ZBTB22	-7.1347				FALSE
hsa-miR-30e*	RAB31	-7.13455				FALSE
hsa-miR-210	FBLN5	-7.13426				FALSE
hsa-miR-3615	LMOD1	-7.13424				FALSE
hsa-miR-532-5p	FAP	-7.13395				FALSE
hsa-miR-942	PRELP	-7.13391				FALSE
hsa-miR-223*	GPRASP1	-7.13346				FALSE
hsa-miR-33a	NEXN	-7.13293				FALSE
hsa-miR-25	OMD	-7.1324				FALSE
hsa-let-7d*	YPEL5	-7.13197				FALSE
hsa-miR-376c	TDRD7	-7.13115				FALSE
hsa-miR-33a*	IGFBP7	-7.13047				FALSE
hsa-miR-22	EXOSC5	-7.12926				FALSE
hsa-miR-629	LMOD1	-7.12825				FALSE
hsa-miR-29b	TMEFF1	-7.12794	-1.2416	-0.322	0.0187	FALSE
hsa-miR-30d*	PCOLCE	-7.12611				FALSE
hsa-miR-193a-3p	ABCA9	-7.12561				FALSE
hsa-miR-32	ADAMTS12	-7.12543				FALSE
hsa-miR-32	P4HA3	-7.12524				FALSE
hsa-miR-629	PBXIP1	-7.12506				FALSE
hsa-miR-7-1*	CYS1	-7.12495				FALSE
hsa-miR-26a	EIF2S1	-7.12485	-0.3861	-0.728	0.7886	FALSE
hsa-miR-200c	EFEMP2	-7.12483				FALSE
hsa-miR-423-3p	TGFB11	-7.12473				FALSE
hsa-miR-24-2*	PCM1	-7.12461				FALSE
hsa-miR-577	FAP	-7.12445				FALSE
hsa-miR-200a*	LIX1L	-7.12237				FALSE
hsa-miR-577	EHD2	-7.12231				FALSE
hsa-miR-200a*	DACT3	-7.12053				FALSE
hsa-miR-200b	TUBB6	-7.11981				FALSE
hsa-miR-130b*	C3	-7.11627				FALSE
hsa-miR-148b	ARSI	-7.11577				FALSE
hsa-miR-16-2*	ASPN	-7.11525				FALSE
hsa-miR-192*	FRMD6	-7.11497				FALSE
hsa-miR-186	DACT3	-7.11453				FALSE
hsa-miR-21*	ZFP14	-7.11453				FALSE
hsa-miR-194	PRRX1	-7.11327				FALSE
hsa-miR-92a	FBXL5	-7.11298				FALSE
hsa-miR-191	FBN1	-7.11258				FALSE
hsa-miR-106b	SERINC1	-7.11232	-0.1564	-0.074		FALSE
hsa-miR-20a*	LMOD1	-7.11076				FALSE
hsa-miR-32	LUM	-7.11064				FALSE
hsa-let-7g*	MYH11	-7.11062				FALSE
hsa-miR-106b	DCN	-7.11054				FALSE
hsa-miR-381	FUK	-7.1105				FALSE

hsa-miR-150	RARS2	-7.11038			FALSE
hsa-miR-200a	SNAI2	-7.11017			FALSE
hsa-miR-500b	ASPN	-7.10952			FALSE
hsa-miR-106b	ITGBL1	-7.10805		-0.163	FALSE
hsa-miR-18a	UBL3	-7.10693	-0.2421		FALSE
hsa-miR-32	TSHZ3	-7.1052			FALSE
hsa-miR-30a	TROAP	-7.10487			FALSE
hsa-miR-30a*	CDKN3	-7.10462			FALSE
hsa-miR-379	C6orf136	-7.10382			FALSE
hsa-miR-192*	DCN	-7.10376			FALSE
hsa-miR-363	C19orf33	-7.10313			FALSE
hsa-miR-92a-1*	CERCAM	-7.10291			FALSE
hsa-miR-339-3p	PTRF	-7.10225			FALSE
hsa-miR-29c	TUBA1B	-7.10213			FALSE
hsa-miR-141	ECM2	-7.10203	-0.1621		FALSE
hsa-miR-200c*	P4HA3	-7.10155			FALSE
hsa-miR-30a	CDKN3	-7.10154			FALSE
hsa-miR-194	COL10A1	-7.10103			FALSE
hsa-miR-141*	COL5A1	-7.10059			FALSE
hsa-miR-652	COL10A1	-7.10052			FALSE
hsa-miR-186	ACTG2	-7.10012			FALSE
hsa-miR-96	CXCL12	-7.09921			FALSE
hsa-miR-146b-3p	IP6K2	-7.0991			FALSE
hsa-miR-339-5p	RCAN2	-7.09814			FALSE
hsa-miR-148b	ZNF469	-7.09593			FALSE
hsa-miR-141*	ANTXR1	-7.09584			FALSE
hsa-miR-17	ITGBL1	-7.09516		-0.163	FALSE
hsa-miR-21*	CRY2	-7.09434			FALSE
hsa-miR-200b	HTRA3	-7.09385			FALSE
hsa-miR-200a*	NNMT	-7.09347			FALSE
hsa-miR-22*	MCM9	-7.09322			FALSE
hsa-miR-103a-2*	PRELP	-7.09311			FALSE
hsa-miR-200c*	RBMS3	-7.09274			FALSE
hsa-miR-19b-1*	IL1R1	-7.09263			FALSE
hsa-miR-328	VASP	-7.09153			FALSE
hsa-miR-629*	CTIF	-7.09008			FALSE
hsa-miR-194	TSHZ3	-7.09008			FALSE
hsa-miR-454	GPR124	-7.08957			FALSE
hsa-miR-660	ASPN	-7.08948			FALSE
hsa-miR-590-5p	PPP1R12B	-7.0884			FALSE
hsa-miR-19b-1*	ECM2	-7.08691			FALSE
hsa-miR-15b*	LMOD1	-7.08622			FALSE
hsa-miR-15b	PODN	-7.08536		0.0921	FALSE
hsa-miR-200c	ECM2	-7.08493	-0.1048		FALSE
hsa-miR-429	TMEM55A	-7.08408	-0.6017		FALSE

hsa-miR-200b*	HEG1	-7.08406				FALSE
hsa-miR-15b*	IGFBP7	-7.08394				FALSE
hsa-miR-577	PTRF	-7.08344				FALSE
hsa-miR-200b*	CNN1	-7.08333				FALSE
hsa-miR-502-3p	CALD1	-7.08324				FALSE
hsa-miR-381	HDHD3	-7.08318				FALSE
hsa-miR-651	LMOD1	-7.08176				FALSE
hsa-miR-30a	LMNB1	-7.0815				FALSE
hsa-miR-29c	DEPDC1	-7.08107	-0.9856			FALSE
hsa-miR-337-3p	LAG3	-7.08045				FALSE
hsa-miR-26b*	MYH11	-7.07983				FALSE
hsa-miR-411	NFATC2IP	-7.07962				FALSE
hsa-miR-181c	REEP4	-7.07872				FALSE
hsa-miR-423-3p	SERPING1	-7.07871				FALSE
hsa-miR-92a-1*	SMPD1	-7.07844				FALSE
hsa-miR-92a	VAMP8	-7.07728				FALSE
hsa-miR-15a	PLN	-7.07621				FALSE
hsa-miR-21	RMND5A	-7.07613	-0.4307	-0.409	0.49	FALSE
hsa-miR-19b-1*	OLFML1	-7.07539				FALSE
hsa-miR-497	DLGAP5	-7.07511				FALSE
hsa-miR-103a-2*	SSC5D	-7.07439				FALSE
hsa-miR-145*	FAM96A	-7.07424				FALSE
hsa-miR-3065-5p	FBN1	-7.07316				FALSE
hsa-miR-200a*	HTRA1	-7.0715				FALSE
hsa-miR-149	TBXAS1	-7.07117				FALSE
hsa-miR-222*	NRIP2	-7.07078				FALSE
hsa-miR-191*	DACT3	-7.06857				FALSE
hsa-miR-200b*	FHL3	-7.0683				FALSE
hsa-miR-7-1*	FILIP1L	-7.0676				FALSE
hsa-miR-340	JUNB	-7.06738				FALSE
hsa-miR-141*	MRC2	-7.06584				FALSE
hsa-miR-200a*	GGT5	-7.06576				FALSE
hsa-miR-144*	CILP	-7.06454				FALSE
hsa-miR-1226	CYBRD1	-7.06435				FALSE
hsa-miR-30a*	AURKB	-7.06274				FALSE
hsa-miR-93	DCN	-7.06263				FALSE
hsa-miR-194*	PTK7	-7.06252				FALSE
hsa-miR-30d*	MSRB3	-7.06249				FALSE
hsa-miR-3127-5p	ECM2	-7.06241				FALSE
hsa-miR-200c	CFL2	-7.06144	-1.3939	-0.708	0.2067	FALSE
hsa-miR-152	GBA2	-7.06101				FALSE
hsa-miR-92a-1*	MYL9	-7.06022				FALSE
hsa-miR-423-3p	TPSB2	-7.05986				FALSE
hsa-miR-191*	MYLK	-7.05967				FALSE
hsa-miR-17	CREBL2	-7.05853				FALSE

hsa-miR-128	DPYD	-7.05849				FALSE
hsa-miR-301a	MYOF	-7.05759				FALSE
hsa-miR-20a	ASPN	-7.05707	-0.1069			FALSE
hsa-miR-30d	TPM4	-7.05647				FALSE
hsa-miR-30d	CEP55	-7.05587				FALSE
hsa-miR-29c	MELK	-7.05564				FALSE
hsa-miR-19a	CACNA1C	-7.05535	-0.1856	-0.5722	0.9686	FALSE
hsa-miR-92b	FCGRT	-7.0547				FALSE
hsa-miR-2355-3p	C1QTNF7	-7.05469				FALSE
hsa-miR-30e*	ADAM12	-7.05391				FALSE
hsa-miR-577	FSTL1	-7.05368				FALSE
hsa-miR-4326	EMCN	-7.05232				FALSE
hsa-miR-425	RBMS3	-7.05202				FALSE
hsa-miR-149	MLKL	-7.0518				FALSE
hsa-miR-33b	BMPR2	-7.05128		-0.1543		FALSE
hsa-miR-194*	COL6A3	-7.04998				FALSE
hsa-miR-200b*	ITGA5	-7.04997				FALSE
hsa-miR-16-2*	JAM3	-7.04911				FALSE
hsa-miR-424	CBX7	-7.04715				FALSE
hsa-miR-200c*	EFEMP2	-7.04647				FALSE
hsa-miR-301a	VWA5A	-7.04582				FALSE
hsa-miR-16	MRVI1	-7.04544				FALSE
hsa-miR-30e	PVR	-7.04397				FALSE
hsa-miR-432	ITGB7	-7.04391				FALSE
hsa-miR-188-5p	SPARCL1	-7.04307				FALSE
hsa-miR-671-5p	PGM5	-7.04289				FALSE
hsa-miR-451	CSDC2	-7.04203				FALSE
hsa-miR-92a-1*	PBXIP1	-7.04119				FALSE
hsa-miR-7-1*	MRVI1	-7.04024				FALSE
hsa-miR-616*	SHROOM4	-7.04021				FALSE
hsa-miR-16	PRICKLE1	-7.04	-0.5694			FALSE
hsa-miR-7-1*	FBN1	-7.03922				FALSE
hsa-miR-26a	TSR1	-7.03894				FALSE
hsa-miR-429	TSHZ3	-7.03865				FALSE
hsa-miR-200a	GREM1	-7.03742				FALSE
hsa-miR-3127-5p	LDB2	-7.03594				FALSE
hsa-miR-24	VRK3	-7.03549				FALSE
hsa-miR-22*	ZFP62	-7.03535				FALSE
hsa-miR-17	KIAA0513	-7.03511	-0.2562	-0.535	0.534	FALSE
hsa-miR-877	OMD	-7.03436				FALSE
hsa-miR-301a	KCND3	-7.03416				FALSE
hsa-miR-203	CEP170	-7.03412				FALSE
hsa-miR-429	KCTD12	-7.03351	-0.1996	-0.382		FALSE
hsa-miR-454	HEPH	-7.03329				FALSE
hsa-miR-760	LDLRAD4	-7.03263				FALSE

hsa-miR-191*	CYS1	-7.03252			FALSE
hsa-miR-451	CILP	-7.03225			FALSE
hsa-miR-192*	PODNL1	-7.03222			FALSE
hsa-miR-30a	KIF4A	-7.03205			FALSE
hsa-miR-16-2*	ANTXR2	-7.03188			FALSE
hsa-miR-15b	NBL1	-7.03106			FALSE
hsa-miR-200a	JAM3	-7.03088	-0.117	0.109	FALSE
hsa-miR-651	PMEPA1	-7.02978			FALSE
hsa-miR-29c	EIF4A1	-7.02943			FALSE
hsa-miR-22	HMG2	-7.02933			FALSE
hsa-miR-30b*	IGFBP7	-7.02869			FALSE
hsa-miR-3677-3p	GTF2IRD2	-7.02791			FALSE
hsa-miR-30a	CENPW	-7.02761			FALSE
hsa-miR-200a*	LAMA4	-7.02753			FALSE
hsa-miR-20a	PLN	-7.02745			FALSE
hsa-miR-194	AEBP1	-7.02606			FALSE
hsa-miR-20a*	DAB2	-7.02598			FALSE
hsa-miR-17	A2M	-7.02587			FALSE
hsa-miR-181c*	CD68	-7.02585			FALSE
hsa-miR-125a-3p	HNMT	-7.02543			FALSE
hsa-miR-18a	TMC4	-7.02472			FALSE
hsa-miR-17	MGP	-7.02456			FALSE
hsa-miR-374b*	KIAA0513	-7.0236			FALSE
hsa-miR-200a	SULF1	-7.02326			FALSE
hsa-miR-92a	LST1	-7.02298			FALSE
hsa-miR-20b	TGFB1	-7.02139			FALSE
hsa-miR-215	MMP2	-7.0212			FALSE
hsa-miR-106b	RNASEL	-7.02088	-1.1659	-0.451	FALSE
hsa-miR-92a	LAT2	-7.02016			FALSE
hsa-miR-411	RASSF7	-7.01966			FALSE
hsa-miR-20a*	NEXN	-7.01918			FALSE
hsa-miR-92a-1*	CNN1	-7.01902			FALSE
hsa-miR-495	HSBP1L1	-7.01863			FALSE
hsa-miR-432	FAM195A	-7.01862			FALSE
hsa-miR-629	SGCA	-7.01744			FALSE
hsa-miR-660	COL10A1	-7.01708			FALSE
hsa-miR-93*	GPR124	-7.01706			FALSE
hsa-miR-93*	SPARCL1	-7.01661			FALSE
hsa-miR-19b-1*	PRELP	-7.01644			FALSE
hsa-miR-22	ZNF397	-7.01614			FALSE
hsa-miR-1	SPAG5	-7.01472			FALSE
hsa-miR-200a	AEBP1	-7.0147	-0.103	0.1667	FALSE
hsa-miR-484	CNN1	-7.01325			FALSE
hsa-miR-200c*	CNN1	-7.01267			FALSE
hsa-miR-96	KCTD12	-7.01224			FALSE

hsa-miR-16-2*	RANBP3L	-7.01219				FALSE
hsa-miR-30d*	C1S	-7.01206				FALSE
hsa-miR-17	RAI2	-7.01135				FALSE
hsa-miR-30e*	COL1A1	-7.01127				FALSE
hsa-miR-146b-5p	ZNF446	-7.01006				FALSE
hsa-miR-18a	LMOD1	-7.00923				FALSE
hsa-miR-30e*	HTRA3	-7.00908				FALSE
hsa-miR-3170	MS4A2	-7.00894				FALSE
hsa-miR-194*	ZFPM2	-7.0087				FALSE
hsa-miR-192*	AEBP1	-7.00844				FALSE
hsa-miR-200c	GAS1	-7.00837				FALSE
hsa-miR-141*	FERMT2	-7.00813				FALSE
hsa-miR-96	GIMAP4	-7.00798				FALSE
hsa-miR-18a*	HPGDS	-7.00733				FALSE
hsa-miR-7-1*	JAM3	-7.00681				FALSE
hsa-miR-576-5p	LMOD1	-7.00605				FALSE
hsa-miR-186	ASPN	-7.00501				FALSE
hsa-miR-32	ANTXR2	-7.0049				FALSE
hsa-miR-223	ZFP62	-7.00469				FALSE
hsa-miR-3614-5p	CERK	-7.00404				FALSE
hsa-miR-24-2*	GPRASP1	-7.00326				FALSE
hsa-miR-1296	CFB	-7.00263				FALSE
hsa-miR-7-1*	PLN	-7.0018				FALSE
hsa-miR-93	DPYD	-7.0014	-1.2387	-0.329		FALSE
hsa-miR-182	NEXN	-7.00034				FALSE
hsa-miR-191*	CNN1	-6.99901				FALSE
hsa-miR-125a-5p	KPNA2	-6.9985				FALSE
hsa-miR-182	EMP3	-6.99809				FALSE
hsa-miR-152	WDR59	-6.99779	-1.2571	-0.34	0.0151	FALSE
hsa-let-7e	CBR3	-6.99746				FALSE
hsa-miR-20a*	IL16	-6.99685				FALSE
hsa-miR-590-3p	TNS1	-6.99672				FALSE
hsa-miR-31	ZNF652	-6.9957				FALSE
hsa-miR-339-3p	ZFPM2	-6.99449				FALSE
hsa-miR-15b	SFRP4	-6.99444				FALSE
hsa-miR-7-1*	PODNL1	-6.9944				FALSE
hsa-miR-210	RGS5	-6.99436		-0.046		FALSE
hsa-miR-92a	ATP6V0E1	-6.99386				FALSE
hsa-miR-106a	AKAP13	-6.99355	-0.1579	-0.172	0.953	FALSE
hsa-miR-651	AEBP1	-6.9933				FALSE
hsa-miR-223	KLHDC2	-6.99302				FALSE
hsa-miR-143	ANKZF1	-6.99262				FALSE
hsa-miR-1307	LMOD1	-6.99071				FALSE
hsa-miR-125a-5p	ORC1	-6.99003				FALSE
hsa-miR-200b	PDCD1LG2	-6.9898				FALSE

hsa-miR-17	TLR5	-6.98921				FALSE
hsa-miR-30d*	BGN	-6.98874				FALSE
hsa-miR-15b	CRY2	-6.98869		-0.07	0.0715	FALSE
hsa-miR-192*	GLT8D2	-6.98859				FALSE
hsa-miR-200a*	VIM	-6.98831				FALSE
hsa-miR-22	RPL22	-6.98829				FALSE
hsa-miR-331-5p	TNS1	-6.98754				FALSE
hsa-miR-15b	ITGBL1	-6.98733	-0.1555	-0.13	0.085	FALSE
hsa-miR-93*	MVP	-6.98721				FALSE
hsa-miR-200a*	NID2	-6.98693				FALSE
hsa-miR-30a	CDCA8	-6.98643	-0.348	-0.135	0.3596	FALSE
hsa-miR-210	GPR133	-6.98635				FALSE
hsa-miR-3615	PLN	-6.98587				FALSE
hsa-miR-1	ARHGEF39	-6.9853		-0.019		FALSE
hsa-miR-18b	COLEC12	-6.98496				FALSE
hsa-miR-21	NDRG2	-6.98445				FALSE
hsa-miR-2355-5p	NRIP2	-6.98351				FALSE
hsa-miR-22*	FAM161B	-6.9834				FALSE
hsa-miR-542-5p	CD2AP	-6.98336				FALSE
hsa-miR-26b	KIF26B	-6.98335				FALSE
hsa-miR-30a*	CENPE	-6.98216				FALSE
hsa-miR-22*	ELF2	-6.98163				FALSE
hsa-miR-194*	CLEC11A	-6.98019				FALSE
hsa-miR-223	ZNF396	-6.98017				FALSE
hsa-miR-186	ACTA2	-6.97992				FALSE
hsa-miR-200b*	PMP22	-6.97968				FALSE
hsa-miR-181c*	PDZK1IP1	-6.97916				FALSE
hsa-miR-200c	JAM2	-6.97773				FALSE
hsa-miR-148b	MSRB3	-6.97712				FALSE
hsa-miR-33a*	SSPN	-6.97592				FALSE
hsa-miR-1301	MMP28	-6.97551				FALSE
hsa-miR-194	PCOLCE	-6.97466				FALSE
hsa-miR-141	GAS1	-6.97408	-0.2644	-0.08	0.1666	FALSE
hsa-miR-758	PSD4	-6.97391				FALSE
hsa-miR-183	RRAS	-6.97337				FALSE
hsa-miR-30c	COL1A2	-6.97321	-0.6922			FALSE
hsa-miR-655	PRKCD	-6.973				FALSE
hsa-miR-107	FIBIN	-6.97278				FALSE
hsa-miR-532-5p	TAGLN	-6.97275				FALSE
hsa-miR-200a*	TIMP2	-6.97261				FALSE
hsa-miR-423-3p	GLT8D2	-6.97187				FALSE
hsa-miR-340*	LRRFIP1	-6.97097				FALSE
hsa-miR-103a-2*	MYH11	-6.97009				FALSE
hsa-miR-194	SERPINE1	-6.96908				FALSE
hsa-miR-337-3p	PSME1	-6.96867				FALSE

hsa-miR-200b*	THBS1	-6.96821				FALSE
hsa-miR-331-5p	SSC5D	-6.96721				FALSE
hsa-miR-99a	GRPEL1	-6.96715				FALSE
hsa-miR-205	RNF157	-6.9671	-0.2482	-0.0917		FALSE
hsa-miR-194	POSTN	-6.96693				FALSE
hsa-miR-25	HSPB8	-6.96651				FALSE
hsa-miR-500a*	MMP28	-6.96575				FALSE
hsa-miR-1	FGFR1OP	-6.96543				FALSE
hsa-miR-200c*	TIMP2	-6.96525				FALSE
hsa-miR-194	HTRA1	-6.96501				FALSE
hsa-miR-30b*	HTRA3	-6.96481				FALSE
hsa-miR-186	MS4A2	-6.96446				FALSE
hsa-miR-1301	PTGER3	-6.964				FALSE
hsa-miR-200c*	COL6A3	-6.96371				FALSE
hsa-miR-937	FAM172A	-6.96348				FALSE
hsa-miR-200a*	C1QTNF6	-6.96344				FALSE
hsa-miR-16	LAMA2	-6.96328				FALSE
hsa-miR-192*	SNAI2	-6.96288				FALSE
hsa-miR-501-3p	ASPN	-6.96257				FALSE
hsa-miR-194	LUM	-6.96251				FALSE
hsa-miR-30d	TUBB6	-6.96215				FALSE
hsa-miR-19a	SNED1	-6.96201				FALSE
hsa-miR-200b*	CRTAP	-6.9618				FALSE
hsa-miR-30c	P4HA3	-6.9615	-0.1725			FALSE
hsa-miR-629	C7	-6.96141				FALSE
hsa-miR-130b	CALCOCO1	-6.96099				FALSE
hsa-miR-1307	CYBRD1	-6.96043				FALSE
hsa-miR-379	GAS8	-6.96035				FALSE
hsa-miR-125a-5p	DEPDC1B	-6.96012				FALSE
hsa-miR-629*	CACNA1C	-6.96003				FALSE
hsa-miR-33a	BMPR2	-6.9598		-0.1543		FALSE
hsa-miR-93*	ACTA2	-6.9597				FALSE
hsa-miR-200a	ITGA5	-6.95942				FALSE
hsa-miR-194*	MRC2	-6.95854				FALSE
hsa-miR-200b*	F2R	-6.95832				FALSE
hsa-miR-200b	KDELC1	-6.95732	-1.2499	-0.486	0.2071	FALSE
hsa-miR-16-2*	OMD	-6.95725				FALSE
hsa-miR-191*	BGN	-6.95628				FALSE
hsa-miR-200a*	CMTM3	-6.95619				FALSE
hsa-miR-616*	MYH11	-6.95583				FALSE
hsa-miR-590-5p	ARHGEF12	-6.95571	-1.0204	-0.282	0.4522	FALSE
hsa-miR-502-3p	POSTN	-6.95506				FALSE
hsa-miR-186	NOTCH3	-6.95409				FALSE
hsa-miR-210	LMOD1	-6.95283				FALSE
hsa-miR-30b*	CALD1	-6.95256				FALSE

hsa-miR-30c	INHBA	-6.95229				FALSE
hsa-miR-141	DCHS1	-6.95167				FALSE
hsa-miR-144*	HTRA3	-6.95149				FALSE
hsa-miR-19a	MRVI1	-6.94947				FALSE
hsa-miR-1307	CBX7	-6.94931				FALSE
hsa-miR-15b	HTRA1	-6.94921				FALSE
hsa-miR-411	AMT	-6.94895				FALSE
hsa-miR-200b	SULF1	-6.94865	-1.8034	-0.646	0.2212	FALSE
hsa-miR-92a	CBX7	-6.94823				FALSE
hsa-miR-200a*	CTHRC1	-6.9481				FALSE
hsa-miR-107	PMEPA1	-6.94804				FALSE
hsa-miR-30c-2*	RRM2	-6.94755				FALSE
hsa-miR-183	HLA-DPB1	-6.94721				FALSE
hsa-miR-93	EHD2	-6.94717				FALSE
hsa-miR-29b-2*	MFAP2	-6.94654				FALSE
hsa-miR-194*	CNRIP1	-6.94648				FALSE
hsa-miR-577	MYL9	-6.94605				FALSE
hsa-miR-200b*	JAM2	-6.94536				FALSE
hsa-miR-423-3p	RASL12	-6.94498				FALSE
hsa-miR-181c	PMM2	-6.94365				FALSE
hsa-miR-192	TSHZ3	-6.94349				FALSE
hsa-miR-651	LHFP	-6.94339				FALSE
hsa-miR-193b*	PDE7B	-6.94323				FALSE
hsa-miR-29b-2*	KDELC1	-6.94321				FALSE
hsa-miR-32	COL6A2	-6.94291				FALSE
hsa-miR-330-5p	RPS6	-6.94275				FALSE
hsa-miR-592	FSTL3	-6.94271				FALSE
hsa-miR-200a*	CDH11	-6.94182				FALSE
hsa-miR-19a	ZBTB47	-6.94117	-0.2702	-0.11	0.6129	FALSE
hsa-miR-409-3p	ULK3	-6.94109				FALSE
hsa-miR-191	PLSCR4	-6.94085				FALSE
hsa-miR-423-3p	C7	-6.93953				FALSE
hsa-miR-101	KIF20A	-6.93937				FALSE
hsa-miR-185	GPRASP1	-6.93935				FALSE
hsa-miR-193b	HLF	-6.93922				FALSE
hsa-miR-30e*	NNMT	-6.93845				FALSE
hsa-miR-29a	SPDL1	-6.93754	-0.9481	-0.292	0.0108	FALSE
hsa-miR-3614-5p	USP22	-6.93738				FALSE
hsa-miR-96	FYB	-6.93696	-0.1575	-0.228		FALSE
hsa-miR-32	PTRF	-6.93624				FALSE
hsa-miR-194*	LOXL1	-6.93462				FALSE
hsa-miR-16	FYCO1	-6.93443				FALSE
hsa-miR-181b	PPP2R5A	-6.93372	-0.2206			FALSE
hsa-miR-17	OMD	-6.9336				FALSE
hsa-miR-30e*	COL1A2	-6.93359				FALSE

hsa-miR-34a	NRAS	-6.93349				FALSE
hsa-miR-502-3p	NUAK1	-6.93344				FALSE
hsa-miR-17*	IL1R1	-6.93286				FALSE
hsa-miR-744*	MYH11	-6.93262				FALSE
hsa-miR-20a*	ECM2	-6.93244				FALSE
hsa-miR-183	NEXN	-6.93195				FALSE
hsa-miR-134	CCDC125	-6.93174				FALSE
hsa-let-7f-2*	ZEB1	-6.93159				FALSE
hsa-miR-200c	RASL12	-6.93145				FALSE
hsa-miR-30c	MMP2	-6.93128				FALSE
hsa-miR-141*	MMP2	-6.931				FALSE
hsa-miR-19b	TNFSF12	-6.93062				FALSE
hsa-miR-193b	KIT	-6.92992	-0.2336	-0.136	0.4921	FALSE
hsa-miR-194*	ISLR	-6.92982				FALSE
hsa-miR-532-5p	ARSI	-6.9298				FALSE
hsa-miR-141	MXRA8	-6.92965				FALSE
hsa-miR-183	C10orf54	-6.92945				FALSE
hsa-miR-429	SERPING1	-6.92929				FALSE
hsa-miR-125a-5p	PLK1	-6.9292				FALSE
hsa-miR-425*	LRR32	-6.9282				FALSE
hsa-miR-29b	TOP2B	-6.92782				FALSE
hsa-miR-942	ASPN	-6.92757				FALSE
hsa-miR-101	CALU	-6.92743				FALSE
hsa-miR-29c	GPR161	-6.92717	-0.1088	-0.224	0.0134	FALSE
hsa-miR-194	MRC2	-6.92714				FALSE
hsa-let-7d*	TMSB10	-6.92708				FALSE
hsa-miR-30c	COL5A1	-6.92702				FALSE
hsa-miR-200c*	LMOD1	-6.92587				FALSE
hsa-miR-200a*	DACT1	-6.9253				FALSE
hsa-miR-101	BUB1	-6.92473				FALSE
hsa-miR-141	TEK	-6.92445				FALSE
hsa-miR-200b*	NID1	-6.92414				FALSE
hsa-miR-99b*	RPLP1	-6.92327				FALSE
hsa-miR-382	ULK3	-6.92305				FALSE
hsa-miR-223	ZNF627	-6.92215				FALSE
hsa-miR-141	ANTXR1	-6.92187	-0.1091			FALSE
hsa-miR-200a	JAM2	-6.92174				FALSE
hsa-miR-93	FAP	-6.92137				FALSE
hsa-miR-18a*	PRELP	-6.92045				FALSE
hsa-miR-625	ANTXR1	-6.92029				FALSE
hsa-miR-429	ARHGAP31	-6.92018				FALSE
hsa-miR-30a*	CDC20	-6.92005				FALSE
hsa-miR-18b	SSPN	-6.91972				FALSE
hsa-miR-107	KCNMB1	-6.91822				FALSE
hsa-miR-654-3p	ULK3	-6.91734				FALSE

hsa-miR-15b*	ITGBL1	-6.91653				FALSE
hsa-miR-15b*	PGM5	-6.91648				FALSE
hsa-miR-181c*	PSME2	-6.91543				FALSE
hsa-miR-24	SUOX	-6.91516				FALSE
hsa-miR-18a	MVP	-6.91493				FALSE
hsa-miR-17	PLN	-6.91491				FALSE
hsa-miR-511	C14orf93	-6.91396				FALSE
hsa-miR-17*	ACTA2	-6.9132				FALSE
hsa-miR-589	FXD1	-6.91243				FALSE
hsa-miR-185	PLN	-6.9118				FALSE
hsa-miR-19b	MRVI1	-6.91177				FALSE
hsa-miR-3065-5p	MMP2	-6.91167				FALSE
hsa-miR-32	CTHRC1	-6.91143				FALSE
hsa-miR-30a	RRM1	-6.91111				FALSE
hsa-miR-651	TIMP2	-6.91037				FALSE
hsa-miR-93	RRAS	-6.9101				FALSE
hsa-miR-142-3p	PUM1	-6.90966	-1.1322	-0.425	0.4172	FALSE
hsa-miR-188-5p	PLN	-6.90966				FALSE
hsa-miR-15b*	PODN	-6.90894				FALSE
hsa-miR-192*	HTRA1	-6.90877				FALSE
hsa-miR-200a*	RASL12	-6.90835				FALSE
hsa-miR-200a	COL15A1	-6.90832	-1.2895	-0.305	0.1744	FALSE
hsa-miR-425	ZCCHC24	-6.90794				FALSE
hsa-miR-429	SIRPA	-6.90675	-0.8242	-0.276		FALSE
hsa-miR-664	MYBL2	-6.90659				FALSE
hsa-miR-93	ABCA6	-6.90567				FALSE
hsa-miR-200a*	CCDC80	-6.90565				FALSE
hsa-miR-200c*	MRC2	-6.90552				FALSE
hsa-miR-589*	PBXIP1	-6.90534				FALSE
hsa-miR-629	PPP1R12B	-6.90506				FALSE
hsa-miR-16-2*	AEBP1	-6.90407				FALSE
hsa-miR-577	SORCS2	-6.90368				FALSE
hsa-miR-30a	KIF2C	-6.90333	-0.1015			FALSE
hsa-miR-29c	MND1	-6.90295				FALSE
hsa-miR-191*	MSRB3	-6.90289				FALSE
hsa-miR-3065-5p	ECM2	-6.90209				FALSE
hsa-miR-93*	PTRF	-6.90172				FALSE
hsa-miR-30d*	CNN1	-6.9017				FALSE
hsa-miR-191	FAP	-6.90144				FALSE
hsa-miR-200c*	AGTR1	-6.90136				FALSE
hsa-miR-200c*	LIX1L	-6.90121				FALSE
hsa-miR-331-3p	CBX7	-6.90047				FALSE
hsa-miR-33b	AOC3	-6.90043				FALSE
hsa-miR-22	ZNF627	-6.90034				FALSE
hsa-miR-532-5p	SERPINE1	-6.90017				FALSE

hsa-miR-616*	OGN	-6.89992				FALSE
hsa-miR-93	PTRF	-6.8998		-0.043		FALSE
hsa-miR-141*	MYL9	-6.89859				FALSE
hsa-miR-30d*	TSHZ3	-6.89851				FALSE
hsa-miR-1296	TYROBP	-6.89851				FALSE
hsa-miR-29c	YWHAQ	-6.8984				FALSE
hsa-miR-192	PCOLCE	-6.89813				FALSE
hsa-miR-425	SYNE1	-6.8977				FALSE
hsa-miR-18a	MRVI1	-6.89732				FALSE
hsa-miR-92a-1*	BGN	-6.89711				FALSE
hsa-miR-200b*	IKBIP	-6.89643				FALSE
hsa-miR-937	LMOD1	-6.89638				FALSE
hsa-miR-1307	COX7A1	-6.896				FALSE
hsa-miR-200a*	PLXDC1	-6.89598				FALSE
hsa-miR-15b*	SSPN	-6.89556				FALSE
hsa-miR-96	MEF2C	-6.8949		-0.138		FALSE
hsa-miR-19b	C3	-6.8942				FALSE
hsa-miR-200a*	ADAM12	-6.89386				FALSE
hsa-miR-33a*	SERPING1	-6.89361				FALSE
hsa-miR-15a	CSDC2	-6.89329				FALSE
hsa-miR-937	VWA5A	-6.89301				FALSE
hsa-miR-215	CYTH3	-6.89193				FALSE
hsa-miR-423-3p	PRELP	-6.89136				FALSE
hsa-miR-106b*	CRYL1	-6.89103				FALSE
hsa-miR-182	GLIPR1	-6.88982				FALSE
hsa-miR-30e*	INHBA	-6.88818				FALSE
hsa-miR-21*	ATP1A2	-6.88799				FALSE
hsa-miR-22	HNRNPA1	-6.88773				FALSE
hsa-miR-200a*	TPM2	-6.88741				FALSE
hsa-miR-30e*	COL3A1	-6.88701				FALSE
hsa-miR-379	CCDC125	-6.88687				FALSE
hsa-miR-30d*	THY1	-6.88586				FALSE
hsa-miR-15b*	PRELP	-6.88505				FALSE
hsa-miR-106b	CTSO	-6.88482				FALSE
hsa-miR-642a	SEMA5B	-6.88441				FALSE
hsa-miR-22*	RALGAPA1	-6.88384				FALSE
hsa-miR-15b*	HMCN1	-6.88331				FALSE
hsa-miR-3170	SERPING1	-6.88132				FALSE
hsa-miR-183	MEF2C	-6.88063	-1.2636	-0.433	0.053	FALSE
hsa-miR-16-2*	PDGFRA	-6.88017				FALSE
hsa-miR-106b	COL10A1	-6.88003				FALSE
hsa-miR-140-5p	INADL	-6.87961				FALSE
hsa-miR-106b	KIAA0247	-6.87853	-0.2907	-0.215	0.9311	FALSE
hsa-miR-92a-1*	OCEL1	-6.8784				FALSE
hsa-miR-15b	MYH11	-6.87771				FALSE

hsa-miR-194*	SSC5D	-6.87739			FALSE
hsa-miR-200c*	TNFSF12	-6.87725			FALSE
hsa-miR-200c	AEBP1	-6.8772			FALSE
hsa-miR-200b*	TAGLN	-6.877			FALSE
hsa-miR-145*	TMEM161B	-6.87696			FALSE
hsa-miR-19a	SSC5D	-6.87671			FALSE
hsa-miR-615-3p	CD1C	-6.87642			FALSE
hsa-miR-16-2*	LHFP	-6.87625			FALSE
hsa-miR-192	GLT8D2	-6.87511			FALSE
hsa-miR-324-3p	COX7A1	-6.87473			FALSE
hsa-miR-651	MYLK	-6.87455			FALSE
hsa-miR-19b-1*	OGN	-6.87437			FALSE
hsa-miR-181a-2*	SECTM1	-6.87424			FALSE
hsa-miR-664	CENPA	-6.8739			FALSE
hsa-miR-210	PI16	-6.87239			FALSE
hsa-miR-185*	PLN	-6.87178			FALSE
hsa-miR-335	SAMD9	-6.87158			FALSE
hsa-miR-301a	CARD6	-6.87102			FALSE
hsa-miR-92a	SMPD1	-6.87078			FALSE
hsa-miR-194*	LUM	-6.86999			FALSE
hsa-miR-106b*	GAPT	-6.86973			FALSE
hsa-miR-92a-1*	COL6A3	-6.86969			FALSE
hsa-miR-429	GLT8D2	-6.86791			FALSE
hsa-miR-664*	FAM83D	-6.86714			FALSE
hsa-miR-30a	SKA1	-6.86692			FALSE
hsa-miR-223	ZNF441	-6.86632	-0.7256		FALSE
hsa-miR-100	ARHGEF39	-6.86598			FALSE
hsa-miR-200a*	FIBIN	-6.86568			FALSE
hsa-miR-2355-3p	EMCN	-6.86519			FALSE
hsa-miR-200c	CXCL12	-6.86502			FALSE
hsa-miR-223	ZNF443	-6.86474			FALSE
hsa-miR-192	BNC2	-6.86441			FALSE
hsa-miR-423-3p	SPARCL1	-6.86423			FALSE
hsa-miR-19a	ITGBL1	-6.86349			FALSE
hsa-miR-532-5p	CTHRC1	-6.86289			FALSE
hsa-miR-29b	MYH10	-6.86284			FALSE
hsa-miR-758	TAPBP	-6.86189			FALSE
hsa-miR-429	ADAM12	-6.8616	-1.1446	-0.665	FALSE
hsa-miR-182	NNMT	-6.8612			FALSE
hsa-miR-30c	FBN1	-6.86074			FALSE
hsa-miR-30d*	COL15A1	-6.86056			FALSE
hsa-miR-16	PODN	-6.8605		0.0921	FALSE
hsa-miR-495	CRB3	-6.86023			FALSE
hsa-miR-19a	TNS1	-6.85967			FALSE
hsa-miR-22*	NARG2	-6.85967			FALSE

hsa-miR-15b*	MGP	-6.85952				FALSE
hsa-miR-200c*	CNPY4	-6.85939				FALSE
hsa-miR-15b*	JAM2	-6.85939				FALSE
hsa-miR-200c*	MYL9	-6.85909				FALSE
hsa-miR-125a-5p	CCNB2	-6.85866				FALSE
hsa-miR-589	LIMS2	-6.85832				FALSE
hsa-miR-429	ANGPTL1	-6.85798		-0.257		FALSE
hsa-miR-652	OMD	-6.85697				FALSE
hsa-miR-141*	CNN1	-6.85687				FALSE
hsa-miR-150	BOD1	-6.85672		-0.0506	0.1234	FALSE
hsa-let-7c	PPPDE2	-6.85653				FALSE
hsa-miR-22*	KLHL11	-6.85625				FALSE
hsa-miR-130b	TLR3	-6.85531				FALSE
hsa-miR-106b	AEBP1	-6.8551				FALSE
hsa-miR-141*	SYDE1	-6.85497				FALSE
hsa-miR-128	ASPN	-6.85452				FALSE
hsa-miR-19b-1*	GGT5	-6.8532				FALSE
hsa-miR-33b	LMOD1	-6.85274				FALSE
hsa-miR-141	BCL6B	-6.85183	-0.9417	-0.323	0.109	FALSE
hsa-miR-29b-2*	SNAI2	-6.85109				FALSE
hsa-miR-200a*	ATP8B2	-6.85068				FALSE
hsa-miR-200b*	SERPING1	-6.85055				FALSE
hsa-miR-101	CDC20	-6.85045				FALSE
hsa-miR-17	IL16	-6.85006				FALSE
hsa-miR-326	RPL18	-6.84995				FALSE
hsa-miR-22	WDR17	-6.84909				FALSE
hsa-let-7d*	SERPING1	-6.84841				FALSE
hsa-miR-200c	HTRA1	-6.84828				FALSE
hsa-miR-629*	GPR124	-6.84787				FALSE
hsa-miR-130b	NTN4	-6.84709				FALSE
hsa-let-7f-2*	LATS2	-6.84695				FALSE
hsa-miR-19a	MYH11	-6.84695	-0.3234	-0.187	0.0538	FALSE
hsa-miR-192	MRC2	-6.84642				FALSE
hsa-miR-660	KCND2	-6.84634				FALSE
hsa-miR-101	TUBB3	-6.84572				FALSE
hsa-miR-425*	OGN	-6.84555				FALSE
hsa-miR-192	COL5A2	-6.84525				FALSE
hsa-miR-192	PRICKLE1	-6.84485				FALSE
hsa-miR-106b	HPGDS	-6.84415				FALSE
hsa-miR-590-3p	TIMP3	-6.84402				FALSE
hsa-miR-15b*	NNMT	-6.84389				FALSE
hsa-miR-130b	CREBL2	-6.84386	-0.2681			FALSE
hsa-miR-223	ZNF564	-6.84329				FALSE
hsa-miR-532-5p	TMEM92	-6.84322				FALSE
hsa-miR-1307	GMFG	-6.84195				FALSE

hsa-miR-374a	HOXD8	-6.84155				FALSE
hsa-miR-101	BUB1B	-6.8415	-0.1049			FALSE
hsa-miR-32	FMOD	-6.84079				FALSE
hsa-miR-141	TIMP3	-6.8396				FALSE
hsa-miR-18a	ECM2	-6.83956				FALSE
hsa-miR-93	NEXN	-6.83953	-0.1113			FALSE
hsa-miR-7-1*	FAP	-6.83904				FALSE
hsa-miR-16-2*	MYLK	-6.83865				FALSE
hsa-miR-378	P4HA3	-6.83851				FALSE
hsa-miR-148b	PODNL1	-6.83828				FALSE
hsa-miR-22*	SIN3A	-6.83818				FALSE
hsa-miR-629	RAI2	-6.83814				FALSE
hsa-miR-1296	IFI35	-6.83813				FALSE
hsa-miR-483-5p	SQRDL	-6.83738				FALSE
hsa-miR-210	RAMP2	-6.83737				FALSE
hsa-miR-92a	HSPB8	-6.8362				FALSE
hsa-miR-425*	COL14A1	-6.83585				FALSE
hsa-miR-590-5p	NEXN	-6.83561				FALSE
hsa-miR-200a	PMP22	-6.83497				FALSE
hsa-miR-200b	CNN1	-6.83395				FALSE
hsa-miR-324-3p	HLA-DRA	-6.83356				FALSE
hsa-miR-192*	DACT3	-6.83308				FALSE
hsa-miR-15b	GLT8D2	-6.8324				FALSE
hsa-miR-16-2*	MGP	-6.83235				FALSE
hsa-miR-3615	MFAP4	-6.83124				FALSE
hsa-miR-19a	AHNAK	-6.83087				FALSE
hsa-miR-326	RPL35	-6.83072				FALSE
hsa-miR-183	RNASE6	-6.83064				FALSE
hsa-miR-19b-1*	CTSA	-6.83043				FALSE
hsa-miR-651	A2M	-6.82964				FALSE
hsa-miR-651	MRVI1	-6.82948				FALSE
hsa-miR-181c*	BATF2	-6.82945				FALSE
hsa-miR-186	SGCD	-6.82908				FALSE
hsa-miR-210	MUSTN1	-6.8289				FALSE
hsa-miR-337-3p	HSBP1L1	-6.82789				FALSE
hsa-miR-30d*	MAGEL2	-6.82787				FALSE
hsa-miR-629*	VSTM4	-6.82771				FALSE
hsa-miR-200c	COL6A2	-6.82679				FALSE
hsa-miR-128	LMOD1	-6.82636		-0.095		FALSE
hsa-miR-200a*	LAYN	-6.82606				FALSE
hsa-miR-30a*	CDCA8	-6.82601				FALSE
hsa-miR-942	SGCD	-6.82464				FALSE
hsa-miR-362-5p	COL6A3	-6.82452				FALSE
hsa-miR-183	GNG2	-6.82449				FALSE
hsa-miR-30b	PGM3	-6.82407	-1.1819	-0.49	0.1805	FALSE

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hsa-miR-425*	HEG1	-6.82216			FALSE
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hsa-miR-20a*	OGN	-6.81856			FALSE
hsa-miR-1301	MSRB3	-6.81852			FALSE
hsa-miR-18a*	CD1C	-6.81841			FALSE
hsa-miR-29a	PDCL	-6.81829			FALSE
hsa-miR-183	FLT3LG	-6.81816			FALSE
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hsa-miR-664	ARNTL2	-6.81499			FALSE
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hsa-miR-511	ZNF446	-6.81224			FALSE
hsa-miR-141*	FBN1	-6.81224			FALSE
hsa-miR-183	RAC2	-6.81211			FALSE
hsa-miR-194*	TPM2	-6.81154			FALSE
hsa-miR-551b	VDR	-6.81126			FALSE
hsa-miR-30c	POSTN	-6.80952	-0.6043		FALSE
hsa-miR-200b*	LAMA4	-6.8093			FALSE
hsa-miR-210	RASL12	-6.80904			FALSE
hsa-miR-96	COLEC12	-6.809			FALSE
hsa-miR-29c*	VCAN	-6.80845			FALSE
hsa-miR-200c*	ANTXR1	-6.80823			FALSE
hsa-miR-194	FRMD6	-6.8081	-0.4583	-0.169	FALSE
hsa-miR-22	FANCL	-6.80796			FALSE
hsa-miR-429	RHOJ	-6.80709			FALSE
hsa-miR-93*	GGT5	-6.80676			FALSE
hsa-miR-148a*	VAT1	-6.80673			FALSE
hsa-miR-1307	CNN1	-6.80607			FALSE
hsa-miR-16	AEBP1	-6.80571			FALSE
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hsa-miR-93	C1S	-6.80479			FALSE
hsa-miR-18a	IL16	-6.80447	-0.4105		FALSE
hsa-miR-21*	PRELP	-6.80403			FALSE
hsa-miR-200c	PDE2A	-6.80182			FALSE
hsa-miR-744*	SYNE1	-6.80173			FALSE
hsa-miR-423-3p	FAP	-6.80169			FALSE
hsa-miR-15b	PTH1R	-6.80143			FALSE
hsa-miR-590-5p	GPR124	-6.80107			FALSE
hsa-miR-125a-5p	CDKN3	-6.80105			FALSE
hsa-miR-200a	COL6A2	-6.80101			FALSE
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hsa-miR-203	EID2B	-6.79939				FALSE
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hsa-miR-200a	GPR124	-6.79822				FALSE
hsa-miR-130b	AHNAK	-6.7974				FALSE
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hsa-miR-22*	SECISBP2	-6.7953				FALSE
hsa-miR-200a*	SNAI2	-6.79501				FALSE
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hsa-miR-330-3p	POSTN	-6.79426				FALSE
hsa-miR-200a	TIMP3	-6.79405				FALSE
hsa-miR-30c	THBS2	-6.79401	-0.2655	-0.214	0.7666	FALSE
hsa-miR-616*	RBMS3	-6.79383				FALSE
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hsa-miR-500a	FAP	-6.79321				FALSE
hsa-miR-423-3p	LHFP	-6.79301				FALSE
hsa-miR-454	MMP2	-6.79298				FALSE
hsa-miR-29b-2*	COL5A1	-6.79225				FALSE
hsa-miR-23a*	ENPP2	-6.79095				FALSE
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hsa-miR-29c	CCNB1	-6.79052				FALSE
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hsa-miR-22*	PPM1A	-6.78948				FALSE
hsa-miR-92a-1*	MRVI1	-6.78918				FALSE
hsa-miR-200b	NID2	-6.78855				FALSE
hsa-miR-181c*	TYMP	-6.78843				FALSE
hsa-miR-210	MYH11	-6.78745	-0.2534	-0.134	0.0659	FALSE
hsa-miR-20a	MVP	-6.78648				FALSE
hsa-miR-200a*	ACTA2	-6.7862				FALSE
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hsa-miR-192*	ZCCHC24	-6.78559				FALSE
hsa-miR-629*	ZBTB47	-6.78516				FALSE
hsa-miR-15b*	NEXN	-6.785				FALSE
hsa-miR-141	LMOD1	-6.78455				FALSE
hsa-miR-148b	SFRP2	-6.78439	-0.6161			FALSE
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hsa-miR-155	RAB40B	-6.78349				FALSE
hsa-miR-141	SYDE1	-6.78222				FALSE
hsa-miR-664	CDC20	-6.78166				FALSE
hsa-miR-200a	CNN1	-6.78157				FALSE
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hsa-miR-200b	ADAMTS12	-6.77997				FALSE
hsa-miR-29b-1*	CACNA1C	-6.77996				FALSE
hsa-miR-19a	CTSO	-6.77974		-0.173		FALSE
hsa-miR-15b	AEBP1	-6.77936				FALSE

hsa-miR-20a	MGP	-6.7792				FALSE
hsa-miR-15a	FIBIN	-6.77858		-0.124	0.2061	FALSE
hsa-miR-3614-5p	CYB561D1	-6.77713				FALSE
hsa-miR-33a	A2M	-6.7768				FALSE
hsa-miR-134	FUK	-6.77663				FALSE
hsa-miR-200a	VIM	-6.77651				FALSE
hsa-miR-30b	ENTPD7	-6.77626				FALSE
hsa-miR-200b*	SPARC	-6.77546				FALSE
hsa-miR-19b-1*	JAM3	-6.77523				FALSE
hsa-miR-125a-5p	MTHFD2	-6.77448				FALSE
hsa-miR-425	MYH11	-6.77444				FALSE
hsa-miR-200a*	TSHZ3	-6.77207				FALSE
hsa-miR-200b*	NID2	-6.77193				FALSE
hsa-miR-429	GNB4	-6.77174	-0.5349	-0.375		FALSE
hsa-miR-429	VEGFC	-6.77168				FALSE
hsa-miR-33b	CROT	-6.77116	-2.0539	-0.837	0.396	FALSE
hsa-miR-192*	PRELP	-6.77105				FALSE
hsa-miR-29c	EXO1	-6.77103				FALSE
hsa-miR-331-3p	TNS1	-6.77046				FALSE
hsa-miR-429	COL15A1	-6.77019				FALSE
hsa-miR-409-3p	FAM98C	-6.76985				FALSE
hsa-miR-431*	HSBP1L1	-6.76968				FALSE
hsa-miR-337-3p	ETV7	-6.76903				FALSE
hsa-miR-423-3p	OMD	-6.76897				FALSE
hsa-miR-1	CCDC150	-6.76842				FALSE
hsa-miR-141	COL6A2	-6.76819				FALSE
hsa-miR-429	POSTN	-6.76811				FALSE
hsa-miR-186	CPA3	-6.76805				FALSE
hsa-miR-200a	ANGPTL2	-6.76793				FALSE
hsa-miR-21*	VAMP2	-6.76785				FALSE
hsa-miR-200b*	C1QTNF6	-6.76705				FALSE
hsa-miR-17	TPSB2	-6.76663				FALSE
hsa-miR-149	GPRIN3	-6.76637				FALSE
hsa-miR-421	SLC24A3	-6.76626				FALSE
hsa-miR-210	HRC	-6.76583				FALSE
hsa-miR-193b	ZDHHC15	-6.76581				FALSE
hsa-miR-181d	CD68	-6.76571				FALSE
hsa-miR-200c	DCN	-6.76513				FALSE
hsa-miR-142-3p	RABGAP1	-6.76512				FALSE
hsa-miR-194*	SYDE1	-6.76485				FALSE
hsa-miR-502-3p	COL3A1	-6.76485				FALSE
hsa-miR-200a*	FSTL1	-6.76435				FALSE
hsa-miR-576-5p	ZCCHC24	-6.76373				FALSE
hsa-miR-141*	CDH11	-6.76307				FALSE
hsa-miR-16	ZCCHC24	-6.76281				FALSE

hsa-miR-30d	ADAM12	-6.76281	-0.3137	-0.334	0.4469	FALSE
hsa-miR-181c*	APOL3	-6.76228				FALSE
hsa-miR-141*	CALD1	-6.76203				FALSE
hsa-miR-192	COL12A1	-6.76195				FALSE
hsa-miR-423-3p	MSRB3	-6.7619				FALSE
hsa-miR-345	CBX7	-6.76188				FALSE
hsa-miR-194	NOX4	-6.76121	-0.1047			FALSE
hsa-miR-19b	CPA3	-6.76034				FALSE
hsa-miR-200a*	ITGA5	-6.75996				FALSE
hsa-miR-25	ECM2	-6.75858				FALSE
hsa-miR-1	EZH2	-6.75811				FALSE
hsa-miR-16-2*	ITGBL1	-6.75771				FALSE
hsa-miR-93*	LRRC32	-6.75713				FALSE
hsa-miR-200c	GPR124	-6.7569				FALSE
hsa-miR-30d	PDLIM7	-6.75616				FALSE
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hsa-miR-15a	SPARCL1	-6.75602				FALSE
hsa-miR-17	MRVI1	-6.75508		-0.059		FALSE
hsa-miR-19b-1*	COL6A3	-6.75507				FALSE
hsa-miR-128	CNN1	-6.75495				FALSE
hsa-miR-200a	COL5A1	-6.75495				FALSE
hsa-let-7e*	IDO1	-6.75447				FALSE
hsa-miR-7-1*	MFAP5	-6.75334				FALSE
hsa-miR-324-3p	CLDN5	-6.75306				FALSE
hsa-miR-18a*	ABCA6	-6.75303				FALSE
hsa-miR-16-2*	PTPRB	-6.75232				FALSE
hsa-miR-141	PTRF	-6.75216				FALSE
hsa-miR-363	CAST	-6.75205				FALSE
hsa-miR-326	RPL8	-6.752				FALSE
hsa-miR-144*	COMP	-6.75161				FALSE
hsa-miR-425*	FHL1	-6.75104				FALSE
hsa-miR-93*	ZEB1	-6.75068				FALSE
hsa-miR-200a*	THY1	-6.75064				FALSE
hsa-miR-651	EDNRA	-6.75024				FALSE
hsa-miR-128	ACTG2	-6.74993				FALSE
hsa-miR-125a-5p	CENPE	-6.74944				FALSE
hsa-miR-193b	ZFP2	-6.7492				FALSE
hsa-miR-101	YKT6	-6.74815				FALSE
hsa-miR-185	CALCOCO1	-6.74813				FALSE
hsa-miR-758	PRKCD	-6.74808				FALSE
hsa-miR-654-3p	HSBP1L1	-6.74775				FALSE
hsa-miR-101	KIF2C	-6.74772				FALSE
hsa-miR-16-1*	OGN	-6.74667				FALSE
hsa-miR-301a	KIAA0247	-6.74651	-0.1244	-0.169	0.006	FALSE
hsa-miR-29b-1*	MAP6	-6.74636				FALSE

hsa-miR-20a	IL13RA1	-6.74626				FALSE
hsa-miR-29b-2*	CALD1	-6.7461				FALSE
hsa-miR-15b	ACTA2	-6.74551				FALSE
hsa-miR-381	HSF4	-6.7454				FALSE
hsa-miR-30d*	SFRP2	-6.74529				FALSE
hsa-miR-7-1*	SLC24A3	-6.744				FALSE
hsa-miR-210	CXorf36	-6.74214				FALSE
hsa-miR-106b	CPA3	-6.742	-0.1994			FALSE
hsa-miR-363	TGFB1	-6.74131				FALSE
hsa-miR-18a*	IGFBP7	-6.74116				FALSE
hsa-miR-192	FAP	-6.73894				FALSE
hsa-miR-223*	ZNF3	-6.73846				FALSE
hsa-miR-18a	PODN	-6.73826	-0.2028			FALSE
hsa-miR-19a	C1QTNF7	-6.73821		-0.1555	0.0237	FALSE
hsa-miR-2355-3p	RAI2	-6.73792				FALSE
hsa-miR-192	SLC24A3	-6.73711				FALSE
hsa-miR-30d*	OLFML2B	-6.73685				FALSE
hsa-miR-34a	ASXL3	-6.73677				FALSE
hsa-miR-100	CLN6	-6.73623				FALSE
hsa-miR-18a	A2M	-6.73543				FALSE
hsa-miR-19a	IL1R1	-6.7354	-0.4659	-0.188	0.4366	FALSE
hsa-miR-340	LAD1	-6.7353				FALSE
hsa-miR-9*	SGMS2	-6.73482				FALSE
hsa-miR-96	PLSCR4	-6.73453				FALSE
hsa-miR-29a*	TOP2B	-6.7336				FALSE
hsa-miR-186	TPSB2	-6.73303				FALSE
hsa-miR-942	SGCA	-6.73296				FALSE
hsa-miR-370	RASSF7	-6.73244				FALSE
hsa-miR-362-5p	COL5A2	-6.7321				FALSE
hsa-miR-193a-5p	CCDC28A	-6.73186				FALSE
hsa-miR-3065-5p	COL15A1	-6.73135				FALSE
hsa-miR-339-3p	GALNTL2	-6.73133				FALSE
hsa-miR-22*	RNF38	-6.73125				FALSE
hsa-miR-181c	VDAC1	-6.73091	-0.2528			FALSE
hsa-miR-200c*	TPM2	-6.73061				FALSE
hsa-miR-577	SLC24A3	-6.73059				FALSE
hsa-miR-181c*	PRR13	-6.73041				FALSE
hsa-miR-141*	FN1	-6.73015				FALSE
hsa-miR-574-3p	MRPL54	-6.72995				FALSE
hsa-miR-651	COL3A1	-6.72892				FALSE
hsa-miR-125a-5p	MELK	-6.72744				FALSE
hsa-miR-183	CARD6	-6.72712				FALSE
hsa-miR-532-5p	SERPING1	-6.72712				FALSE
hsa-miR-200b	CAV1	-6.72688		-0.198		FALSE
hsa-miR-152	ILF3	-6.72668		-0.064	0.2342	FALSE

hsa-miR-483-3p	RORC	-6.72653					FALSE
hsa-miR-496	PTPN6	-6.72638					FALSE
hsa-miR-652	TNFAIP6	-6.72631					FALSE
hsa-miR-33a	SPARCL1	-6.72613	-0.2558				FALSE
hsa-miR-128	ECM2	-6.72578					FALSE
hsa-miR-423-3p	HOPX	-6.72409					FALSE
hsa-miR-141*	CMTM3	-6.72372					FALSE
hsa-miR-29c	KIF18A	-6.72338					FALSE
hsa-miR-18a*	SSPN	-6.72308					FALSE
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hsa-miR-20a	RNASE6	-6.72141					FALSE
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hsa-miR-200c*	COL5A2	-6.72089					FALSE
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hsa-miR-200a*	RAB31L1	-6.72016					FALSE
hsa-miR-363	MVP	-6.71907					FALSE
hsa-miR-33b	RECK	-6.71884	-0.4238	-0.236	0.3543		FALSE
hsa-miR-33b	LAMA2	-6.71859					FALSE
hsa-miR-30d*	GFPT2	-6.71836					FALSE
hsa-miR-130b	SERPING1	-6.718					FALSE
hsa-miR-17	CTSO	-6.71789					FALSE
hsa-miR-30a*	FOXO1	-6.71789					FALSE
hsa-miR-1307	CLEC3B	-6.71763					FALSE
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hsa-miR-16-1*	SPARCL1	-6.71745					FALSE
hsa-miR-30a	CDCA2	-6.71736					FALSE
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hsa-miR-577	HOPX	-6.71657					FALSE
hsa-miR-93*	CPA3	-6.7158					FALSE
hsa-miR-181d	SRXN1	-6.71521					FALSE
hsa-miR-425*	LMOD1	-6.7152					FALSE
hsa-miR-652	P4HA3	-6.71465					FALSE
hsa-miR-194*	LMOD1	-6.71428					FALSE
hsa-miR-200b*	ACTA2	-6.71367					FALSE
hsa-miR-30d*	ADAMTS12	-6.71321					FALSE
hsa-miR-106b	CARD6	-6.71301					FALSE
hsa-miR-194*	LTBP3	-6.71268					FALSE
hsa-miR-3127-5p	PLXDC1	-6.71263					FALSE
hsa-miR-590-5p	FBN1	-6.71258		-0.094	0.0574		FALSE
hsa-miR-15b*	ACTA2	-6.71203					FALSE
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hsa-miR-15b*	FXYD1	-6.7105					FALSE
hsa-miR-7-1*	SGCD	-6.70982					FALSE
hsa-miR-942	SCN4B	-6.70967					FALSE
hsa-miR-20a	HPGDS	-6.70898					FALSE

hsa-miR-200c*	CRTAP	-6.70804			FALSE
hsa-miR-127-3p	HSF4	-6.70747			FALSE
hsa-miR-15b*	FAM198B	-6.70742			FALSE
hsa-miR-423-3p	NEXN	-6.70721			FALSE
hsa-miR-200b	COL5A1	-6.70659			FALSE
hsa-miR-96	PTGER3	-6.70647	-0.469	0.9492	FALSE
hsa-miR-942	SLC24A3	-6.70608			FALSE
hsa-miR-1180	CSRP1	-6.70558			FALSE
hsa-miR-181c*	SP110	-6.70552			FALSE
hsa-miR-186	TPSAB1	-6.7051			FALSE
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hsa-miR-32	GLT8D2	-6.70463			FALSE
hsa-miR-577	COL5A2	-6.70458			FALSE
hsa-miR-15b*	TIMP3	-6.70345			FALSE
hsa-miR-191*	C1R	-6.70326			FALSE
hsa-miR-93	IL16	-6.70315			FALSE
hsa-miR-194*	SLC24A3	-6.70297			FALSE
hsa-miR-20a	SMPD1	-6.70267			FALSE
hsa-miR-363	ITGA3	-6.70248			FALSE
hsa-miR-15b*	HNMT	-6.70191			FALSE
hsa-miR-92a	OMD	-6.70188			FALSE
hsa-miR-19b	HPGDS	-6.70188	-0.3007		FALSE
hsa-miR-155	SRSF8	-6.70059			FALSE
hsa-miR-576-5p	MGP	-6.70044			FALSE
hsa-miR-33b	RASL12	-6.69974			FALSE
hsa-miR-1301	CNN1	-6.6994			FALSE
hsa-miR-149	SOD2	-6.69881			FALSE
hsa-miR-210	HSPA12B	-6.69853			FALSE
hsa-miR-30e*	BDKRB1	-6.69832			FALSE
hsa-miR-185*	PLAC9	-6.69709			FALSE
hsa-miR-200a*	PDLIM3	-6.69707			FALSE
hsa-miR-577	DACT3	-6.69683			FALSE
hsa-miR-301b	TLR3	-6.69615			FALSE
hsa-miR-130b	IL16	-6.69497			FALSE
hsa-miR-181a-2*	GBP2	-6.69418			FALSE
hsa-miR-590-5p	HMCN1	-6.69289			FALSE
hsa-miR-26a	YWHAE	-6.69277	-0.12	0.5531	FALSE
hsa-miR-27a*	CACFD1	-6.69254			FALSE
hsa-miR-30d*	LOXL1	-6.69251			FALSE
hsa-miR-20a*	CACNA1C	-6.69209			FALSE
hsa-miR-660	RAB31	-6.69157			FALSE
hsa-miR-33b	ZEB1	-6.69113	-0.1484		FALSE
hsa-miR-15a	DCN	-6.69103			FALSE
hsa-miR-200c*	ANXA6	-6.69094			FALSE
hsa-miR-22	RNF5	-6.6906			FALSE

hsa-miR-192*	SFRP2	-6.68948				FALSE
hsa-miR-96	GIMAP5	-6.68892				FALSE
hsa-miR-7-1*	ANTXR1	-6.68871				FALSE
hsa-miR-17	STOM	-6.68841	-0.6323	-0.3745		FALSE
hsa-miR-92a	NNMT	-6.688				FALSE
hsa-miR-191	CPA3	-6.68743				FALSE
hsa-miR-19b	GAPT	-6.68743				FALSE
hsa-miR-30b	COL3A1	-6.6865				FALSE
hsa-miR-29c	KIF11	-6.68591				FALSE
hsa-miR-183	IL15RA	-6.68537	-1.1236	-0.282		FALSE
hsa-miR-425*	AEBP1	-6.68535				FALSE
hsa-miR-323-3p	CBX7	-6.68535				FALSE
hsa-miR-29b-1*	PRELP	-6.68495				FALSE
hsa-miR-935	MAL2	-6.68436				FALSE
hsa-miR-20a*	MYH11	-6.68429				FALSE
hsa-miR-16	MSRB3	-6.68352				FALSE
hsa-miR-429	RSPO3	-6.6833				FALSE
hsa-miR-629*	ADAM33	-6.68261				FALSE
hsa-miR-429	VIM	-6.68236				FALSE
hsa-miR-20a*	ZCCHC24	-6.68114				FALSE
hsa-miR-194*	MYL9	-6.68051				FALSE
hsa-miR-200a	C1S	-6.6805				FALSE
hsa-miR-106a	NEXN	-6.67994	-0.1115			FALSE
hsa-miR-421	ARHGAP1	-6.67934				FALSE
hsa-miR-16-2*	SSC5D	-6.67905				FALSE
hsa-miR-214	AUH	-6.67888				FALSE
hsa-miR-20a	ECM2	-6.67821				FALSE
hsa-miR-30c-2*	CENPW	-6.67778				FALSE
hsa-miR-33a*	FAP	-6.67718				FALSE
hsa-miR-576-5p	TPSB2	-6.67658				FALSE
hsa-miR-107	TPM2	-6.67556				FALSE
hsa-miR-30a	CDC20	-6.67551				FALSE
hsa-miR-30d*	COL5A3	-6.67536				FALSE
hsa-miR-92a	ZCCHC24	-6.6753				FALSE
hsa-miR-18a	CARD6	-6.67499				FALSE
hsa-miR-194*	PTRF	-6.67492				FALSE
hsa-miR-326	RPS14	-6.67313				FALSE
hsa-miR-92a	PPM1M	-6.67302				FALSE
hsa-miR-106b*	VAMP8	-6.67279				FALSE
hsa-miR-194	TGFB11	-6.67269				FALSE
hsa-miR-30d	CALD1	-6.67221	-0.7394	-0.255	0.4949	FALSE
hsa-miR-152	ZNF33A	-6.67208				FALSE
hsa-miR-103a-2*	SPARCL1	-6.67203				FALSE
hsa-miR-324-3p	CTSS	-6.67076				FALSE
hsa-miR-942	LRRC17	-6.67072				FALSE

hsa-miR-29b-1*	GPR124	-6.67071				FALSE
hsa-miR-23a*	OGN	-6.67068				FALSE
hsa-miR-200c	BGN	-6.67061				FALSE
hsa-miR-20a*	CTSO	-6.6699				FALSE
hsa-miR-101	KIF11	-6.66986	-1.0066	-0.4383		FALSE
hsa-miR-30d*	TIMP2	-6.66985				FALSE
hsa-miR-92a-1*	COL10A1	-6.66905				FALSE
hsa-miR-186	MSRB3	-6.66898				FALSE
hsa-miR-423-3p	MS4A2	-6.66865				FALSE
hsa-miR-17	GAPT	-6.66862				FALSE
hsa-miR-502-3p	COL8A1	-6.66831				FALSE
hsa-miR-7-1*	COL1A2	-6.66802				FALSE
hsa-miR-191	COPZ2	-6.66799				FALSE
hsa-miR-106b	MFSD1	-6.66793				FALSE
hsa-miR-429	ITGA5	-6.6675				FALSE
hsa-miR-141*	THY1	-6.6672				FALSE
hsa-miR-200b	NNMT	-6.66664				FALSE
hsa-miR-192	GLI3	-6.66639				FALSE
hsa-miR-16	MFAP4	-6.66613				FALSE
hsa-miR-128	MSRB3	-6.66579	-0.6106	-0.259		FALSE
hsa-let-7f-1*	RABAC1	-6.66556				FALSE
hsa-miR-141	EMP3	-6.66555				FALSE
hsa-miR-32	DACT1	-6.66536	-0.6103	-0.2	0.6727	FALSE
hsa-miR-331-3p	PLN	-6.66526				FALSE
hsa-miR-30a*	DDX39A	-6.66502				FALSE
hsa-miR-16-2*	HEPH	-6.66465				FALSE
hsa-miR-17	KLF2	-6.6643				FALSE
hsa-miR-345	PLSCR4	-6.66408				FALSE
hsa-miR-125a-5p	CDC20	-6.66404				FALSE
hsa-miR-25	S100A11	-6.66402				FALSE
hsa-miR-340	MAFK	-6.66398				FALSE
hsa-miR-141	FSTL1	-6.66383				FALSE
hsa-miR-744	IGFBP7	-6.66382				FALSE
hsa-miR-577	LMOD1	-6.66381				FALSE
hsa-miR-15b*	PTPRB	-6.66368				FALSE
hsa-miR-199b-3p	PIIP5K1	-6.66359				FALSE
hsa-miR-210	AOC3	-6.66357				FALSE
hsa-miR-144	COL10A1	-6.66305	-1.4062	-0.214		FALSE
hsa-miR-30d*	SULF2	-6.66214				FALSE
hsa-miR-937	CYBRD1	-6.66206				FALSE
hsa-miR-21*	RGS5	-6.66172				FALSE
hsa-miR-7-1*	DCN	-6.66141				FALSE
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hsa-miR-30a	SAPCD2	-6.66089		-0.045		FALSE
hsa-miR-30a	CCNB1	-6.66084				FALSE

hsa-miR-30b	COL5A2	-6.6608	-0.3033	-0.233		FALSE
hsa-miR-200a*	PDE2A	-6.66058				FALSE
hsa-miR-744*	GBP2	-6.66045				FALSE
hsa-miR-192*	RAB31	-6.65896				FALSE
hsa-miR-425*	TNS1	-6.65864				FALSE
hsa-miR-200c	IGFBP7	-6.65843				FALSE
hsa-miR-127-3p	NDUFA7	-6.65815				FALSE
hsa-miR-19a	MYOF	-6.65784				FALSE
hsa-miR-130b	HLA-DPB1	-6.65769				FALSE
hsa-miR-221	FAM35A	-6.65764	-1.7189	-0.765		FALSE
hsa-miR-200c*	COL5A1	-6.65724				FALSE
hsa-miR-429	STARD8	-6.65659	-0.4232	-0.042		FALSE
hsa-miR-200c*	DACT1	-6.65654				FALSE
hsa-miR-200b	MRC2	-6.65651				FALSE
hsa-miR-141	SHE	-6.65627		-0.2102	0.2575	FALSE
hsa-miR-32	COL8A1	-6.65538				FALSE
hsa-miR-200a*	COPZ2	-6.65488				FALSE
hsa-miR-425*	CPA3	-6.65477				FALSE
hsa-miR-27a*	ZNF252P-A5	-6.65469				FALSE
hsa-miR-629	MGP	-6.65459				FALSE
hsa-miR-203	PHF1	-6.65408				FALSE
hsa-miR-99a	PPPDE2	-6.6539				FALSE
hsa-miR-128	MRVI1	-6.65363				FALSE
hsa-miR-340*	EHD2	-6.65346				FALSE
hsa-miR-339-3p	MFRP	-6.65345				FALSE
hsa-miR-17	KIAA0247	-6.65298	-0.2907	-0.215	0.9311	FALSE
hsa-miR-141	SYNE1	-6.65298		-0.416		FALSE
hsa-miR-192	TMEM43	-6.65286				FALSE
hsa-miR-16-2*	BGN	-6.6525				FALSE
hsa-miR-200c*	PLXDC1	-6.65225				FALSE
hsa-miR-106b	RAB31	-6.65138	-0.3688	-0.278		FALSE
hsa-miR-1301	TIMP3	-6.65104				FALSE
hsa-miR-30d*	MXRA5	-6.65084				FALSE
hsa-miR-29c*	ENAH	-6.6504				FALSE
hsa-miR-130b*	SERPING1	-6.65007				FALSE
hsa-miR-379	RAD9A	-6.64923				FALSE
hsa-miR-429	COL3A1	-6.64919	-0.2178			FALSE
hsa-miR-92a	RHOC	-6.64907				FALSE
hsa-miR-590-5p	BMPR2	-6.64818	-0.1039	-0.7561	0.5344	FALSE
hsa-miR-1307	PDLIM3	-6.64812				FALSE
hsa-miR-128	TGFB111	-6.64809				FALSE
hsa-miR-200b	ECM2	-6.64719	-0.1048			FALSE
hsa-miR-3200-3p	GMFG	-6.64688				FALSE
hsa-miR-30b	BZW1	-6.64608				FALSE
hsa-miR-223	ZBED5	-6.6456				FALSE

hsa-miR-17	MFSD1	-6.6453				FALSE
hsa-miR-92a	PBXIP1	-6.64505				FALSE
hsa-miR-194*	LHFP	-6.64503				FALSE
hsa-miR-146a	PLA2G12A	-6.64391				FALSE
hsa-miR-200b*	ANTXR1	-6.64335				FALSE
hsa-miR-200c*	LAMA4	-6.64335				FALSE
hsa-miR-222*	ATP1B2	-6.64305				FALSE
hsa-miR-200c*	FKBP7	-6.64304				FALSE
hsa-miR-18a	TNS1	-6.64279				FALSE
hsa-miR-31	TRIM24	-6.64269				FALSE
hsa-miR-210	MYOCD	-6.64257				FALSE
hsa-miR-200a*	TMEM55A	-6.64247				FALSE
hsa-miR-141*	TPM2	-6.64222				FALSE
hsa-miR-410	RASSF7	-6.64193				FALSE
hsa-miR-576-5p	TPSAB1	-6.64192				FALSE
hsa-miR-181c	CEP55	-6.6419				FALSE
hsa-miR-590-5p	SLC24A3	-6.64104				FALSE
hsa-miR-96	LATS2	-6.64078		-0.092		FALSE
hsa-miR-22*	ZNF740	-6.6406				FALSE
hsa-miR-200c*	CMTM3	-6.63955				FALSE
hsa-miR-7-1*	AOC3	-6.63938				FALSE
hsa-miR-143	ZFYVE19	-6.63907				FALSE
hsa-miR-27a	KIAA0319L	-6.6369				FALSE
hsa-miR-151-5p	SERPING1	-6.63609				FALSE
hsa-miR-629*	C1QTNF7	-6.63598				FALSE
hsa-miR-141	PDE1B	-6.63579				FALSE
hsa-miR-15b*	GAPT	-6.63566				FALSE
hsa-miR-200a	FSTL1	-6.6354				FALSE
hsa-miR-200b*	CMTM3	-6.63525				FALSE
hsa-miR-379	HSF4	-6.63506				FALSE
hsa-miR-30b	ADAMTS2	-6.63475				FALSE
hsa-miR-454	CARD6	-6.63449				FALSE
hsa-miR-194*	PLN	-6.63364				FALSE
hsa-miR-429	SULF1	-6.63364	-1.8003	-0.646	0.2212	FALSE
hsa-miR-1180	VAMP8	-6.63353				FALSE
hsa-miR-3065-5p	ZFPM2	-6.63352				FALSE
hsa-miR-452*	SYNE1	-6.63312				FALSE
hsa-miR-200c*	AXL	-6.63296				FALSE
hsa-miR-106b*	CYB5R1	-6.63279				FALSE
hsa-miR-194*	NEXN	-6.63271				FALSE
hsa-miR-7-1*	COLEC12	-6.63242				FALSE
hsa-miR-141	CNN1	-6.63228				FALSE
hsa-miR-423-3p	PDE1B	-6.63222				FALSE
hsa-miR-301a	EFCAB14	-6.63064	-0.1008			FALSE
hsa-miR-185*	EEF1A1	-6.62935				FALSE

hsa-miR-616*	TPSAB1	-6.62807				FALSE
hsa-miR-200a	LAYN	-6.62759		-0.112	0.109	FALSE
hsa-miR-200b	AKAP2	-6.62742	-0.2875	-0.051	0.7778	FALSE
hsa-miR-744*	LMOD1	-6.6274				FALSE
hsa-miR-22*	ZKSCAN8	-6.6274				FALSE
hsa-miR-192	PRELP	-6.62681		-0.0457	0.0878	FALSE
hsa-miR-1180	IGFBP7	-6.6265				FALSE
hsa-miR-191	ZFPM2	-6.62644	-0.2351			FALSE
hsa-miR-194*	CYBRD1	-6.626				FALSE
hsa-miR-92a	PLN	-6.62598				FALSE
hsa-miR-101	ENTPD7	-6.62597				FALSE
hsa-miR-30e*	LOXL2	-6.62544				FALSE
hsa-miR-22	MTERFD3	-6.62534				FALSE
hsa-miR-345	SYNE1	-6.62475				FALSE
hsa-miR-375	RND3	-6.62374				FALSE
hsa-miR-616*	ZNF423	-6.62347				FALSE
hsa-miR-101	CLSPN	-6.62332				FALSE
hsa-miR-16-2*	GLT8D2	-6.6232				FALSE
hsa-miR-93	GLT8D2	-6.62319				FALSE
hsa-miR-22	CEP95	-6.62304				FALSE
hsa-miR-33b	FAT4	-6.62151				FALSE
hsa-miR-19b-1*	MSRB3	-6.62097				FALSE
hsa-miR-324-5p	ARHGEF6	-6.62053				FALSE
hsa-miR-135a	OSMR	-6.61992				FALSE
hsa-miR-454	ZCCHC24	-6.61992		-0.095	0.3417	FALSE
hsa-miR-200a	FILIP1L	-6.61947				FALSE
hsa-miR-664*	CLSPN	-6.61929				FALSE
hsa-miR-141*	ZFPM2	-6.61926				FALSE
hsa-miR-200c	RHOJ	-6.61914				FALSE
hsa-miR-375	QKI	-6.61914	-0.335	-0.039		FALSE
hsa-miR-149	HLA-DRB1	-6.6189				FALSE
hsa-miR-181c*	SLC35F6	-6.61843				FALSE
hsa-miR-29c	MTMR2	-6.61818	-0.4341	-0.128	0.0108	FALSE
hsa-miR-128	HOPX	-6.61789				FALSE
hsa-miR-194*	RBMS3	-6.61782				FALSE
hsa-miR-409-3p	C6orf136	-6.61716				FALSE
hsa-miR-590-3p	ZBTB4	-6.61683				FALSE
hsa-miR-200b*	AKAP2	-6.61659				FALSE
hsa-miR-200a*	FAM26E	-6.61628				FALSE
hsa-miR-30a*	PLK1	-6.61603				FALSE
hsa-miR-29b-1*	MYH11	-6.61561				FALSE
hsa-miR-181c*	RNF149	-6.61545				FALSE
hsa-miR-324-5p	LDLRAD4	-6.61458				FALSE
hsa-miR-141	ATP8B2	-6.61406				FALSE
hsa-miR-200c	C16orf45	-6.61284				FALSE

hsa-miR-18a*	CD1E	-6.61273				FALSE
hsa-miR-301a	CXorf36	-6.6122				FALSE
hsa-miR-17	GIMAP1	-6.61196				FALSE
hsa-miR-382	HDHD3	-6.61152				FALSE
hsa-miR-425*	MYH11	-6.61072				FALSE
hsa-miR-29c	DSCC1	-6.6103		-0.13		FALSE
hsa-miR-200b	VEGFC	-6.61012				FALSE
hsa-miR-200c*	NAP1L3	-6.60992				FALSE
hsa-miR-200a	GNG11	-6.60954				FALSE
hsa-miR-4326	CBX7	-6.60947				FALSE
hsa-miR-369-5p	PSD4	-6.60941				FALSE
hsa-miR-183	LAT2	-6.60932				FALSE
hsa-miR-215	COL6A3	-6.60888				FALSE
hsa-miR-20a	CBX7	-6.6086		-0.062		FALSE
hsa-miR-200b*	WISP1	-6.60859				FALSE
hsa-miR-301a	PTPRB	-6.60859				FALSE
hsa-miR-150	VPS37D	-6.60838				FALSE
hsa-miR-30d*	GAS1	-6.60838				FALSE
hsa-miR-1180	ARHGAP15	-6.60783				FALSE
hsa-miR-502-3p	MMP2	-6.60771				FALSE
hsa-miR-194*	FHL3	-6.60762				FALSE
hsa-miR-576-5p	MXRA8	-6.60745				FALSE
hsa-miR-30b*	SEC23A	-6.60721				FALSE
hsa-miR-194	VCL	-6.60678				FALSE
hsa-miR-19b-1*	ACTA2	-6.60628				FALSE
hsa-miR-134	TRMT10B	-6.60618				FALSE
hsa-miR-152	ACVR2B	-6.60594		-0.139	0.8016	FALSE
hsa-miR-7-1*	FNDC1	-6.6059				FALSE
hsa-miR-590-5p	PODN	-6.6056				FALSE
hsa-miR-192	HTRA3	-6.60466				FALSE
hsa-miR-505	MYH11	-6.60454				FALSE
hsa-miR-106b	PRKG1	-6.60385				FALSE
hsa-miR-18a	OGN	-6.60383				FALSE
hsa-miR-760	YPEL5	-6.60365				FALSE
hsa-miR-1307	HIGD1B	-6.60332				FALSE
hsa-miR-130b	A2M	-6.60296				FALSE
hsa-miR-425*	PODN	-6.6029				FALSE
hsa-miR-15a	PRELP	-6.60261		-0.01	0.2449	FALSE
hsa-miR-324-3p	GMFG	-6.60254				FALSE
hsa-let-7e*	GCH1	-6.6018				FALSE
hsa-miR-17	TENC1	-6.60174				FALSE
hsa-miR-186	HTRA3	-6.59899				FALSE
hsa-miR-589*	OGN	-6.59619				FALSE
hsa-miR-17	CNN1	-6.59613	-0.9442	-0.277	0.1658	FALSE
hsa-miR-194	ITGA5	-6.59556				FALSE

hsa-miR-1307	EVI2A	-6.59531				FALSE
hsa-miR-330-5p	RPS3A	-6.59512				FALSE
hsa-miR-181c*	IFI35	-6.59422				FALSE
hsa-miR-186	COL1A2	-6.59306				FALSE
hsa-miR-141	STARD8	-6.59265				FALSE
hsa-miR-17*	HPGDS	-6.59264				FALSE
hsa-miR-16-2*	PGM5	-6.5926				FALSE
hsa-miR-625*	FAM19A5	-6.59205				FALSE
hsa-miR-194*	THBS2	-6.59187				FALSE
hsa-miR-16	MXRA8	-6.59069				FALSE
hsa-miR-92a	MYL9	-6.59067				FALSE
hsa-miR-130b*	MRVI1	-6.59021				FALSE
hsa-miR-338-3p	DPYSL3	-6.59013				FALSE
hsa-miR-629*	OGN	-6.59013				FALSE
hsa-miR-19b	NBL1	-6.58921				FALSE
hsa-miR-192*	COL3A1	-6.58906				FALSE
hsa-miR-532-5p	AEBP1	-6.58885				FALSE
hsa-miR-200c*	GNG11	-6.58863				FALSE
hsa-miR-495	GSTK1	-6.58822				FALSE
hsa-miR-576-5p	CNN1	-6.58818				FALSE
hsa-miR-148b	COL12A1	-6.58811				FALSE
hsa-miR-200a*	EDNRA	-6.58783				FALSE
hsa-miR-16-2*	GALNTL2	-6.58751				FALSE
hsa-miR-30d	GREM1	-6.58744				FALSE
hsa-miR-889	ECHDC2	-6.58667				FALSE
hsa-miR-194*	NOX4	-6.5865				FALSE
hsa-miR-651	PDGFRA	-6.58629				FALSE
hsa-miR-183	NNMT	-6.58621				FALSE
hsa-miR-335*	CARD6	-6.58562				FALSE
hsa-miR-200b*	RHOJ	-6.58555				FALSE
hsa-miR-125a-5p	UBE2T	-6.58451				FALSE
hsa-miR-3127-5p	MFRP	-6.5845				FALSE
hsa-miR-15b	TMEM204	-6.58335				FALSE
hsa-miR-197	MYH11	-6.58323				FALSE
hsa-miR-30d*	MMP14	-6.5832				FALSE
hsa-miR-30d*	CRISPLD2	-6.58298				FALSE
hsa-miR-30a	NUF2	-6.58247				FALSE
hsa-miR-425*	CTSG	-6.58233				FALSE
hsa-miR-30c	FN1	-6.58214				FALSE
hsa-miR-532-5p	RAB31	-6.58167				FALSE
hsa-miR-155	INPP5A	-6.58137	-0.3802	-0.159	0.0566	FALSE
hsa-miR-143	CLASRP	-6.58119				FALSE
hsa-miR-141*	EMILIN1	-6.58092				FALSE
hsa-miR-29c	C4orf46	-6.58049				FALSE
hsa-miR-200b*	CXCL12	-6.58043				FALSE

hsa-miR-629	POPDC2	-6.58042				FALSE
hsa-miR-1180	NAALADL1	-6.57979				FALSE
hsa-miR-651	COL6A3	-6.57978				FALSE
hsa-miR-30a*	UBE2T	-6.57927				FALSE
hsa-miR-20a*	NNMT	-6.57917				FALSE
hsa-miR-421	TLR5	-6.57904				FALSE
hsa-miR-101	PLOD1	-6.57895				FALSE
hsa-miR-149	DOCK10	-6.57852				FALSE
hsa-miR-106b*	GABARAPL2	-6.57843				FALSE
hsa-miR-30d*	DCN	-6.57835				FALSE
hsa-miR-200a	RHOJ	-6.57796				FALSE
hsa-miR-200b*	STARD8	-6.57789				FALSE
hsa-miR-744*	MRVI1	-6.57756				FALSE
hsa-miR-19b	IL16	-6.57745				FALSE
hsa-miR-3065-3p	KCNMB1	-6.5768				FALSE
hsa-miR-30c	PLAUR	-6.5767				FALSE
hsa-miR-363	SBDS	-6.57637				FALSE
hsa-miR-200c	FKBP7	-6.57634				FALSE
hsa-miR-29c	TSR1	-6.57621				FALSE
hsa-miR-18a	TK2	-6.57539				FALSE
hsa-miR-29a	EIF4E2	-6.57512	-1.3446	-0.434	0.0182	FALSE
hsa-miR-1226	LMOD1	-6.57484				FALSE
hsa-miR-200b	TMEM55A	-6.57478	-0.602			FALSE
hsa-miR-30d	SNAI2	-6.57474	-1.1098		0.3112	FALSE
hsa-miR-191	NEXN	-6.57454				FALSE
hsa-miR-141*	LMOD1	-6.57391				FALSE
hsa-miR-191*	JAM3	-6.57248				FALSE
hsa-miR-454	MRVI1	-6.57232				FALSE
hsa-miR-194*	FNDC1	-6.572				FALSE
hsa-let-7b	HIC2	-6.57179	-0.2002	-0.403	0.9988	FALSE
hsa-miR-29b	SGCD	-6.57153				FALSE
hsa-miR-370	C22orf32	-6.57127				FALSE
hsa-miR-1307	ANGPTL1	-6.57116				FALSE
hsa-miR-493*	AMT	-6.57098				FALSE
hsa-miR-17	CACNA1C	-6.57076				FALSE
hsa-miR-96	ECM2	-6.57058				FALSE
hsa-miR-200c	LMOD1	-6.57012				FALSE
hsa-miR-142-5p	SPIN1	-6.5699				FALSE
hsa-miR-22*	LATS1	-6.56987				FALSE
hsa-miR-222	RALGAPA1	-6.5698	-1.5192	-0.411	0.3536	FALSE
hsa-miR-200b	LEPRE1	-6.5695				FALSE
hsa-miR-937	MYH11	-6.56947				FALSE
hsa-miR-411	CCDC125	-6.56924				FALSE
hsa-miR-101*	MAPK6	-6.56857				FALSE
hsa-miR-141	CFL2	-6.56801	-0.6882	-0.226	0.1812	FALSE

hsa-miR-33b	JAM2	-6.56727				FALSE
hsa-miR-29b-1*	CPXM2	-6.56722				FALSE
hsa-miR-1180	HOPX	-6.56715				FALSE
hsa-miR-590-5p	ITGA11	-6.56694				FALSE
hsa-miR-424	P4HTM	-6.56692				FALSE
hsa-miR-203	PHTF1	-6.56627				FALSE
hsa-miR-30e	LAMB1	-6.56545				FALSE
hsa-miR-323-3p	PSD4	-6.56535				FALSE
hsa-miR-30c-2*	CCNB1	-6.56529				FALSE
hsa-miR-25	RRAS	-6.565				FALSE
hsa-miR-141*	MFGE8	-6.56496				FALSE
hsa-miR-19b-1*	ARHGAP1	-6.56461				FALSE
hsa-miR-369-5p	MCM9	-6.56452				FALSE
hsa-miR-200b	PRRX1	-6.56448	-0.2743			FALSE
hsa-let-7d*	DNAJB9	-6.56376				FALSE
hsa-miR-152	BRD8	-6.56316				FALSE
hsa-miR-144*	LRRC15	-6.56287				FALSE
hsa-miR-200b	LAYN	-6.56184				FALSE
hsa-miR-186	C16orf45	-6.56139				FALSE
hsa-miR-29b	DCHS1	-6.56038				FALSE
hsa-miR-210	ABCA8	-6.56014				FALSE
hsa-miR-141	TIMP2	-6.55949				FALSE
hsa-miR-18b	CPED1	-6.55933				FALSE
hsa-miR-29c	SMARCC1	-6.55894	-1.5131	-0.224	0.1317	FALSE
hsa-miR-141*	DCHS1	-6.55791				FALSE
hsa-miR-29c*	AFAP1	-6.55763				FALSE
hsa-miR-577	LRRC32	-6.55688				FALSE
hsa-miR-17	ASPN	-6.55646	-0.1069			FALSE
hsa-miR-942	SSC5D	-6.55527				FALSE
hsa-miR-30b*	POSTN	-6.55526				FALSE
hsa-miR-326	RPL15	-6.55448				FALSE
hsa-miR-652	SPARC	-6.55443				FALSE
hsa-miR-502-3p	NOTCH3	-6.55416				FALSE
hsa-miR-589*	LDLRAD4	-6.55383				FALSE
hsa-miR-708	KIAA0319L	-6.55261				FALSE
hsa-miR-363	NBL1	-6.55123				FALSE
hsa-miR-502-3p	MMP16	-6.55117				FALSE
hsa-miR-511	GTF2IRD2B	-6.55078				FALSE
hsa-miR-16	ECM2	-6.5505				FALSE
hsa-miR-141	OLFML1	-6.54962				FALSE
hsa-miR-200b	RAB3IL1	-6.54941				FALSE
hsa-miR-200b*	CDH11	-6.54926				FALSE
hsa-miR-33a*	NEXN	-6.54913				FALSE
hsa-miR-194*	DPYSL3	-6.54902				FALSE
hsa-miR-324-5p	GBP2	-6.54885				FALSE

hsa-miR-30c	GBP1	-6.54878	-0.5083	-0.217		FALSE
hsa-miR-194*	PDLIM3	-6.54828				FALSE
hsa-miR-30d*	ADAMTS2	-6.5481				FALSE
hsa-miR-1180	PLN	-6.54808				FALSE
hsa-miR-200a*	NEDD4	-6.54778				FALSE
hsa-miR-1180	ARHGDI3	-6.5477				FALSE
hsa-let-7a*	CD48	-6.54755				FALSE
hsa-miR-16-2*	FBN1	-6.54739				FALSE
hsa-miR-33b	RHOJ	-6.54644				FALSE
hsa-miR-200b*	AOC3	-6.546				FALSE
hsa-miR-106a	SERINC1	-6.54574	-0.5421	-0.074		FALSE
hsa-miR-192	CNN2	-6.54517				FALSE
hsa-let-7b	CDC34	-6.54509	-0.193	-0.383	0.9954	FALSE
hsa-miR-379	HDHD3	-6.54448				FALSE
hsa-miR-21	SUV420H1	-6.54438				FALSE
hsa-miR-328	RPL35	-6.54416				FALSE
hsa-miR-145	OXSM	-6.54372				FALSE
hsa-miR-144*	COL11A1	-6.5437				FALSE
hsa-miR-32	ADAM12	-6.54314				FALSE
hsa-miR-222*	LMOD1	-6.54237				FALSE
hsa-miR-378	MFAP2	-6.54187				FALSE
hsa-miR-92a-1*	HEPH	-6.5412				FALSE
hsa-miR-30d*	NID2	-6.54114				FALSE
hsa-miR-3127-5p	ACTA2	-6.54067				FALSE
hsa-miR-200b*	CRISPLD2	-6.54044				FALSE
hsa-miR-20a	BNC2	-6.54023		-0.401	0.9851	FALSE
hsa-miR-148b	FLNA	-6.5402				FALSE
hsa-miR-218	USP43	-6.5402				FALSE
hsa-miR-651	TIMP3	-6.53998				FALSE
hsa-miR-125a-5p	CDCA8	-6.53881				FALSE
hsa-miR-379	ANKZF1	-6.53823				FALSE
hsa-miR-151-5p	C19orf33	-6.53794				FALSE
hsa-miR-30a*	GTSE1	-6.53776				FALSE
hsa-miR-7-1*	VCAN	-6.53755				FALSE
hsa-miR-93	MSRB3	-6.53755		-0.038		FALSE
hsa-miR-200c	PTRF	-6.53738				FALSE
hsa-miR-142-5p	EPN2	-6.5373				FALSE
hsa-miR-17	C1QTNF7	-6.53688		-0.0793		FALSE
hsa-miR-652	POSTN	-6.53651				FALSE
hsa-miR-1226	ZCCHC24	-6.53629				FALSE
hsa-miR-194*	CDH11	-6.53596				FALSE
hsa-miR-942	ECM2	-6.53592				FALSE
hsa-miR-30e	RRM2	-6.53561	-0.8766	-0.303		FALSE
hsa-miR-32	MATN3	-6.53556				FALSE
hsa-miR-450a	CREBRF	-6.53475				FALSE

hsa-miR-15a	DACT3	-6.53474				FALSE
hsa-miR-200c	OLFML2B	-6.53422				FALSE
hsa-miR-3614-5p	LTBP3	-6.53372				FALSE
hsa-miR-16-2*	COL14A1	-6.5335				FALSE
hsa-miR-130b*	SLC16A4	-6.53344				FALSE
hsa-miR-671-5p	LDB2	-6.53319				FALSE
hsa-miR-200c	PLAC9	-6.53316				FALSE
hsa-miR-181a-2*	BIRC3	-6.53299				FALSE
hsa-miR-15b*	AOC3	-6.5325				FALSE
hsa-miR-1180	LMOD1	-6.53179				FALSE
hsa-miR-191	MFAP5	-6.53124				FALSE
hsa-miR-29b-1*	ELN	-6.53015				FALSE
hsa-let-7e	MRPL54	-6.53003				FALSE
hsa-miR-16	ZNF423	-6.52985	-0.1597	-0.205	0.7657	FALSE
hsa-miR-194	FLNA	-6.52972				FALSE
hsa-miR-29c*	CHSY1	-6.52956				FALSE
hsa-miR-30a*	CCNF	-6.52952				FALSE
hsa-miR-21*	ZNF429	-6.52851				FALSE
hsa-miR-629	ISCU	-6.52797				FALSE
hsa-miR-33a*	SPARCL1	-6.52773				FALSE
hsa-miR-135a	FBN1	-6.52768				FALSE
hsa-miR-496	C5orf56	-6.52745				FALSE
hsa-miR-671-5p	LMOD1	-6.52654				FALSE
hsa-miR-154	NFATC2IP	-6.52632				FALSE
hsa-miR-92a	LILRA2	-6.52625				FALSE
hsa-miR-181d	TMEM87B	-6.52582	-2.9272			FALSE
hsa-miR-17*	SERTAD1	-6.52574				FALSE
hsa-miR-101	ZWINT	-6.52567				FALSE
hsa-miR-301a	SELP	-6.52482				FALSE
hsa-miR-590-5p	KLF9	-6.5245	-0.3651	-0.227		FALSE
hsa-miR-33b	LHFP	-6.52399	-0.164			FALSE
hsa-miR-19b-1*	CACNA1C	-6.52372				FALSE
hsa-miR-30e	YWHAG	-6.52334		-0.103	0.5101	FALSE
hsa-miR-324-5p	GAPT	-6.52332				FALSE
hsa-miR-141*	EFEMP2	-6.52251				FALSE
hsa-miR-17*	POLD4	-6.52168				FALSE
hsa-miR-26b*	MS4A2	-6.52154				FALSE
hsa-miR-30c	MSRB3	-6.52153				FALSE
hsa-miR-625	CACNA1C	-6.52112				FALSE
hsa-miR-29a	MAPK6	-6.521				FALSE
hsa-miR-128	CSRP1	-6.52096				FALSE
hsa-miR-301a	VDR	-6.51944				FALSE
hsa-miR-194*	TMEM130	-6.51902				FALSE
hsa-let-7a-2*	SMEK1	-6.51837				FALSE
hsa-miR-22	TMCO6	-6.51803				FALSE

hsa-miR-337-3p	IRF7	-6.51799				FALSE
hsa-miR-652	COL1A2	-6.51795				FALSE
hsa-miR-323-3p	TAPBP	-6.51709				FALSE
hsa-miR-192*	CDH11	-6.51683				FALSE
hsa-miR-3615	ELN	-6.51627				FALSE
hsa-miR-7-1*	PDLIM3	-6.51611				FALSE
hsa-miR-200a*	LEPRE1	-6.51553				FALSE
hsa-miR-16-2*	A2M	-6.51533				FALSE
hsa-miR-425	KIAA0430	-6.51457	-0.8436	-0.294	0.2652	FALSE
hsa-miR-101	FAM64A	-6.51342				FALSE
hsa-miR-92a	GIMAP1	-6.51326				FALSE
hsa-miR-30d*	TGFB11	-6.51273				FALSE
hsa-miR-210	FXYD1	-6.51241				FALSE
hsa-miR-425*	TGFB11	-6.51222				FALSE
hsa-miR-19b	DAB2	-6.51179				FALSE
hsa-miR-192	COL3A1	-6.51169	-0.1009	-0.168	0.0897	FALSE
hsa-miR-30c-2*	MYBL2	-6.51052				FALSE
hsa-miR-215	DACT3	-6.51005				FALSE
hsa-miR-148b	COL1A1	-6.50993				FALSE
hsa-miR-16-2*	MS4A2	-6.50978				FALSE
hsa-miR-7-1*	CNRIP1	-6.50958				FALSE
hsa-miR-502-3p	TGFB11	-6.50848				FALSE
hsa-miR-1301	MS4A2	-6.50838				FALSE
hsa-miR-1307	SGCA	-6.50673				FALSE
hsa-miR-32	MRVI1	-6.50604				FALSE
hsa-miR-769-5p	LRP10	-6.50487				FALSE
hsa-miR-15b	ASPN	-6.50433				FALSE
hsa-miR-200c*	RASL12	-6.50337				FALSE
hsa-miR-423-3p	SORCS2	-6.50242				FALSE
hsa-miR-340*	PLEC	-6.50215				FALSE
hsa-miR-200b*	LIX1L	-6.5016				FALSE
hsa-miR-141	ZNF521	-6.50076	-0.223			FALSE
hsa-miR-210	TIE1	-6.50019				FALSE
hsa-miR-212	ZBTB7C	-6.49947				FALSE
hsa-miR-186	TGFB11	-6.49938				FALSE
hsa-miR-1307	PRELP	-6.49937				FALSE
hsa-miR-93*	MSRB3	-6.49912				FALSE
hsa-miR-19b-1*	SMPD1	-6.49883				FALSE
hsa-miR-200c*	FBXL7	-6.49646				FALSE
hsa-miR-331-3p	C10orf10	-6.49642				FALSE
hsa-miR-194*	LEPRE1	-6.49641				FALSE
hsa-miR-625*	SEC31A	-6.4964				FALSE
hsa-miR-30d*	SPOCK1	-6.49608				FALSE
hsa-miR-192*	SFRP4	-6.49505				FALSE
hsa-miR-30e	ZNF697	-6.49402				FALSE

hsa-miR-423-3p	MYL9	-6.4934				FALSE
hsa-miR-200b	CERCAM	-6.49338				FALSE
hsa-miR-139-3p	DTYMK	-6.49275				FALSE
hsa-miR-589*	TNS1	-6.49266				FALSE
hsa-miR-16-2*	CNRIP1	-6.49256				FALSE
hsa-miR-192	VCAN	-6.49187	-0.6643	-0.209	0.067	FALSE
hsa-miR-503	MYH14	-6.49165				FALSE
hsa-miR-7-1*	RECK	-6.49142				FALSE
hsa-miR-210	SYNPO2	-6.49117				FALSE
hsa-miR-200b	TIMP3	-6.49075				FALSE
hsa-miR-29b-1*	MAGI2	-6.49043				FALSE
hsa-miR-576-5p	CPA3	-6.49036				FALSE
hsa-miR-17*	ENPP5	-6.49026				FALSE
hsa-miR-93*	DCN	-6.49016				FALSE
hsa-miR-200c	GLIPR1	-6.49003				FALSE
hsa-miR-30d*	C1QTNF6	-6.49002				FALSE
hsa-miR-29c	CKAP2L	-6.48962				FALSE
hsa-miR-17*	ATP6V0E1	-6.48916				FALSE
hsa-miR-15b*	BGN	-6.4889				FALSE
hsa-miR-101	ERO1L	-6.48814	-0.2006	-0.157		FALSE
hsa-miR-889	ULK3	-6.48809				FALSE
hsa-miR-29c	SKA3	-6.48807				FALSE
hsa-miR-148b	EHD2	-6.48776				FALSE
hsa-miR-130b	KIF13B	-6.48759				FALSE
hsa-miR-191*	PLSCR4	-6.4873				FALSE
hsa-miR-222	SNX4	-6.48729	-2.3548	-0.88	0.2208	FALSE
hsa-miR-106b	MRVI1	-6.48719		-0.059		FALSE
hsa-miR-188-5p	SSPN	-6.48718				FALSE
hsa-miR-193b*	HLF	-6.48684				FALSE
hsa-miR-33b	MYH11	-6.48637				FALSE
hsa-miR-17	LRP10	-6.48622				FALSE
hsa-miR-96	BNC2	-6.48572		-0.286	0.9954	FALSE
hsa-miR-429	JAM2	-6.48484				FALSE
hsa-miR-22	IL17RB	-6.48469				FALSE
hsa-miR-139-3p	SLC25A11	-6.48463				FALSE
hsa-miR-30b	FAM26E	-6.48421	-0.8267	-0.461		FALSE
hsa-miR-200c*	LEPRE1	-6.48401				FALSE
hsa-miR-200c	COL5A2	-6.48401	-0.1308	-0.131		FALSE
hsa-miR-19b-1*	NNMT	-6.4837				FALSE
hsa-miR-200c	NNMT	-6.48365				FALSE
hsa-miR-200c*	COL3A1	-6.48359				FALSE
hsa-miR-3065-3p	OLFML2B	-6.48268				FALSE
hsa-miR-92a	MS4A6A	-6.48267				FALSE
hsa-miR-454	GALNTL2	-6.48254		-0.177		FALSE
hsa-miR-769-5p	TCIRG1	-6.48203				FALSE

hsa-miR-484	CBX7	-6.48186				FALSE
hsa-miR-15b*	CNRIP1	-6.4818				FALSE
hsa-miR-671-5p	C1QTNF7	-6.48166				FALSE
hsa-miR-200b*	DYSF	-6.48149				FALSE
hsa-miR-192*	NXN	-6.4811				FALSE
hsa-miR-629	ATP1A2	-6.48108				FALSE
hsa-miR-192	LRRC15	-6.48078				FALSE
hsa-miR-191	PTRF	-6.48052				FALSE
hsa-miR-141*	LGALS1	-6.48047				FALSE
hsa-miR-3200-3p	CARD16	-6.48008				FALSE
hsa-miR-532-5p	COL5A1	-6.48001				FALSE
hsa-miR-194*	ITGA11	-6.47957				FALSE
hsa-miR-99a*	TMEM87B	-6.47928				FALSE
hsa-miR-20a	MFSD1	-6.47927				FALSE
hsa-miR-200a	EDNRA	-6.47906				FALSE
hsa-miR-92a	ALOX5AP	-6.47873				FALSE
hsa-miR-103a-2*	CACNA1C	-6.47853				FALSE
hsa-miR-3615	CYS1	-6.47748				FALSE
hsa-miR-942	HSPB7	-6.47719				FALSE
hsa-miR-210	ELN	-6.4771				FALSE
hsa-miR-134	C6orf136	-6.47695				FALSE
hsa-miR-92a	B3GALT4	-6.47692				FALSE
hsa-miR-19b-1*	FAM198B	-6.47673				FALSE
hsa-miR-18a*	PBXIP1	-6.47667				FALSE
hsa-miR-29b-1*	OGN	-6.4753				FALSE
hsa-miR-744	PSME1	-6.47488				FALSE
hsa-miR-30a	FAM64A	-6.47451				FALSE
hsa-miR-152	ANKZF1	-6.47165				FALSE
hsa-miR-148b	FN1	-6.47124				FALSE
hsa-miR-16	BNC2	-6.47121	-0.462		0.1568	FALSE
hsa-miR-15b*	LRRC32	-6.47109				FALSE
hsa-miR-30d*	VEGFC	-6.4709				FALSE
hsa-miR-148b	THBS2	-6.4706				FALSE
hsa-miR-192	RECK	-6.47032				FALSE
hsa-miR-1226	MMP28	-6.46978				FALSE
hsa-miR-942	MFAP4	-6.46966				FALSE
hsa-miR-141	LRRC32	-6.46893				FALSE
hsa-miR-497	CCNB1	-6.46826	-0.1898			FALSE
hsa-miR-26a	COPS2	-6.46771	-0.1632	-0.214	0.5951	FALSE
hsa-miR-3200-3p	NNMT	-6.4677				FALSE
hsa-miR-18a	MFSD1	-6.46735				FALSE
hsa-miR-96	ARHGAP31	-6.46723				FALSE
hsa-miR-32	SPON1	-6.46722				FALSE
hsa-miR-130a	MAP7	-6.46705	-0.7096	-0.242	0.3494	FALSE
hsa-miR-93	MGP	-6.46576				FALSE

hsa-miR-29c	CDC25A	-6.46561				FALSE
hsa-miR-30c	FAM26E	-6.46537	-0.8267	-0.461		FALSE
hsa-miR-200b*	NEDD4	-6.46499				FALSE
hsa-miR-17*	CD63	-6.46496				FALSE
hsa-miR-200b	ARHGAP31	-6.46489				FALSE
hsa-miR-200b*	MYL9	-6.46363				FALSE
hsa-miR-106a	ANTXR2	-6.46327				FALSE
hsa-miR-323-3p	PRKCD	-6.46316				FALSE
hsa-miR-20a	LRP10	-6.4627				FALSE
hsa-miR-192	TWIST1	-6.46258				FALSE
hsa-miR-29c	SKP2	-6.46232				FALSE
hsa-miR-744	PSMB10	-6.46148				FALSE
hsa-miR-29c	PRC1	-6.46128				FALSE
hsa-miR-18a	MFAP4	-6.46109	-0.2238	-0.067		FALSE
hsa-miR-19b-1*	AOC3	-6.46064				FALSE
hsa-miR-143	ZBTB48	-6.46031				FALSE
hsa-miR-454	CXorf36	-6.45985				FALSE
hsa-miR-7-1*	COL10A1	-6.45948				FALSE
hsa-miR-500b	KCND2	-6.45916				FALSE
hsa-miR-577	LATS2	-6.45891				FALSE
hsa-miR-200a*	TRPC1	-6.45877				FALSE
hsa-miR-192*	FILIP1L	-6.45866				FALSE
hsa-miR-30a	CDC7	-6.45854	-1.126	-0.6501	0.1905	FALSE
hsa-miR-200c*	SNED1	-6.45779				FALSE
hsa-miR-141	COL5A2	-6.45748	-0.1583			FALSE
hsa-miR-125a-5p	HN1	-6.45736				FALSE
hsa-miR-107	DPT	-6.45695				FALSE
hsa-miR-106b*	DSTN	-6.45667				FALSE
hsa-let-7e*	CCL4	-6.45589				FALSE
hsa-miR-15b*	HPGDS	-6.45575				FALSE
hsa-miR-493	TMEM80	-6.45568				FALSE
hsa-miR-141*	CFL2	-6.45555				FALSE
hsa-miR-362-5p	COL5A1	-6.45542				FALSE
hsa-miR-200c*	PDGFRB	-6.45516				FALSE
hsa-miR-326	RPL13A	-6.45425				FALSE
hsa-miR-29c	AURKB	-6.45355				FALSE
hsa-miR-889	PSD4	-6.45255				FALSE
hsa-miR-20a*	A2M	-6.45222				FALSE
hsa-miR-29a	CTDSPL2	-6.45102	-0.815	-0.228	0.2618	FALSE
hsa-miR-425*	LHFP	-6.45058				FALSE
hsa-miR-411	PSD4	-6.4503				FALSE
hsa-miR-101	CENPE	-6.44983				FALSE
hsa-miR-7-1*	COL3A1	-6.44944				FALSE
hsa-miR-345	MS4A2	-6.44934				FALSE
hsa-miR-99a	SLC26A6	-6.44845				FALSE

hsa-miR-181c*	BLVRB	-6.44817				FALSE
hsa-miR-744*	SYNPO2	-6.44817				FALSE
hsa-miR-148b	GLT8D2	-6.44796				FALSE
hsa-miR-15b	DACT3	-6.44654				FALSE
hsa-miR-93	LRP10	-6.4465				FALSE
hsa-miR-200b*	MFGE8	-6.44622				FALSE
hsa-miR-128	STOM	-6.44602	-0.8976	-0.3412		FALSE
hsa-miR-16	HEPH	-6.4457				FALSE
hsa-miR-15b*	CNN1	-6.44477				FALSE
hsa-miR-22*	N4BP2	-6.44444				FALSE
hsa-miR-92a	TMBIM4	-6.44431				FALSE
hsa-miR-423-3p	PDE1A	-6.44413				FALSE
hsa-miR-3170	C7	-6.44403				FALSE
hsa-miR-141*	HTRA1	-6.44366				FALSE
hsa-let-7g	FAP	-6.44357				FALSE
hsa-miR-629*	CNN1	-6.44344				FALSE
hsa-miR-7-1*	LHFP	-6.44314				FALSE
hsa-miR-30d*	LRRC15	-6.44283				FALSE
hsa-miR-141*	GLIPR1	-6.44237				FALSE
hsa-miR-30c	HTRA3	-6.44231	-0.2738	-0.122	0.8382	FALSE
hsa-miR-92b	POLD4	-6.44167				FALSE
hsa-miR-22*	PCMTD2	-6.44146				FALSE
hsa-miR-769-5p	NEXN	-6.44122				FALSE
hsa-miR-22*	FBXO21	-6.44113				FALSE
hsa-miR-18b	MSRB3	-6.44103	-0.6903			FALSE
hsa-miR-502-3p	MMP11	-6.44046				FALSE
hsa-miR-652	SFRP2	-6.43924				FALSE
hsa-miR-361-5p	ANXA2	-6.43921				FALSE
hsa-miR-18a	RBM43	-6.43895				FALSE
hsa-miR-20a	RCAN2	-6.43887				FALSE
hsa-miR-130b	TMC4	-6.43851				FALSE
hsa-miR-194*	FILIP1L	-6.43727				FALSE
hsa-miR-16	DIXDC1	-6.43707	-0.2073	-0.32	0.907	FALSE
hsa-miR-432	CRB3	-6.43643				FALSE
hsa-miR-192*	TGFB3	-6.4364				FALSE
hsa-miR-532-5p	COL5A2	-6.43625				FALSE
hsa-miR-200b	HTRA1	-6.43568				FALSE
hsa-miR-328	NNMT	-6.4353				FALSE
hsa-miR-423-3p	GNG11	-6.43497				FALSE
hsa-miR-222*	MYH11	-6.43495				FALSE
hsa-miR-328	S100P	-6.43475				FALSE
hsa-miR-590-5p	JAM3	-6.43469				FALSE
hsa-miR-421	CBX7	-6.43439				FALSE
hsa-miR-192	SFRP2	-6.43397				FALSE
hsa-miR-379	CATSPER2	-6.43363				FALSE

hsa-miR-423-3p	DES	-6.43328				FALSE
hsa-miR-425	TGFB111	-6.43328				FALSE
hsa-miR-125a-5p	CDCA5	-6.43313				FALSE
hsa-miR-30e*	TMEM158	-6.43273				FALSE
hsa-miR-22*	C2CD5	-6.43273				FALSE
hsa-miR-19b-1*	MXRA8	-6.43268				FALSE
hsa-miR-106b*	LMBRD1	-6.43267				FALSE
hsa-miR-33b	JAM3	-6.43155				FALSE
hsa-miR-101	YWHAG	-6.43127	-0.788	-0.159		FALSE
hsa-miR-186	PLN	-6.43066				FALSE
hsa-miR-532-3p	PLN	-6.43022				FALSE
hsa-miR-937	LDLRAD4	-6.4298				FALSE
hsa-miR-192*	NEXN	-6.42974				FALSE
hsa-miR-101	CKAP2L	-6.42812				FALSE
hsa-miR-203	COQ10A	-6.42806	-0.3857	-0.205	0.0895	FALSE
hsa-miR-671-5p	JAM2	-6.42793				FALSE
hsa-miR-92a	GGT5	-6.42787				FALSE
hsa-miR-200a	MEDAG	-6.42667				FALSE
hsa-miR-27b	PDIA6	-6.42651				FALSE
hsa-miR-15b	MSRB3	-6.42635				FALSE
hsa-miR-106a	RNASEL	-6.42621	-1.1659	-0.451		FALSE
hsa-miR-32	SSPN	-6.42603				FALSE
hsa-miR-92a	OCEL1	-6.42585				FALSE
hsa-miR-532-5p	ADAM12	-6.42536				FALSE
hsa-miR-15b	BNC2	-6.42515		-0.462	0.1568	FALSE
hsa-miR-511	ZNF396	-6.42461				FALSE
hsa-miR-29c*	COL4A1	-6.42445				FALSE
hsa-miR-30b*	LEPRE1	-6.42436				FALSE
hsa-miR-660	GREM1	-6.42417				FALSE
hsa-miR-200c	ENPP2	-6.4241	-0.3486			FALSE
hsa-miR-379	RASSF7	-6.42381				FALSE
hsa-miR-20b	PTRF	-6.42345		-0.043		FALSE
hsa-miR-376c	KIAA1468	-6.42322				FALSE
hsa-miR-93	KLF2	-6.42313				FALSE
hsa-miR-29c	NRAS	-6.42253	-0.3922			FALSE
hsa-miR-629*	TNS1	-6.42245				FALSE
hsa-miR-1307	RAMP2	-6.42179				FALSE
hsa-miR-210	ATP1A2	-6.42168				FALSE
hsa-miR-194*	COL8A2	-6.42144				FALSE
hsa-miR-106b	PODN	-6.42118		-0.101		FALSE
hsa-miR-200b	MEDAG	-6.41966				FALSE
hsa-miR-149	RNASE6	-6.41962				FALSE
hsa-miR-362-5p	COL7A1	-6.41937				FALSE
hsa-miR-192	MMP14	-6.41885		-0.08	0.0866	FALSE
hsa-miR-937	ERMAP	-6.41855				FALSE

hsa-miR-3614-5p	COL10A1	-6.41817				FALSE
hsa-miR-200a	HEG1	-6.41793		-0.192	0.1667	FALSE
hsa-miR-200c*	GNG2	-6.41777				FALSE
hsa-miR-192*	PCOLCE	-6.41766				FALSE
hsa-miR-134	HDHD3	-6.41744				FALSE
hsa-miR-22*	ZKSCAN1	-6.41703				FALSE
hsa-miR-532-5p	ITGA11	-6.41691				FALSE
hsa-miR-433	TRADD	-6.41663				FALSE
hsa-miR-651	CLEC14A	-6.41643				FALSE
hsa-miR-96	CXorf36	-6.41616		-0.082		FALSE
hsa-miR-200a	JAZF1	-6.41615	-1.111	-0.584	0.258	FALSE
hsa-miR-744*	ZCCHC24	-6.41577				FALSE
hsa-miR-127-3p	GAS8	-6.41518				FALSE
hsa-miR-106b	OMD	-6.4149				FALSE
hsa-miR-19b	MMP2	-6.41463				FALSE
hsa-miR-323b-3p	CBX7	-6.41444				FALSE
hsa-miR-31*	SCUBE2	-6.41433				FALSE
hsa-miR-29b-2*	GREM1	-6.41412				FALSE
hsa-miR-15b*	JAM3	-6.41374				FALSE
hsa-miR-186	GLT8D2	-6.4136				FALSE
hsa-miR-182	DAB2	-6.41337		-0.089		FALSE
hsa-miR-29c	STMN1	-6.41229				FALSE
hsa-miR-19a	KIAA0513	-6.41182		-0.126	0.1711	FALSE
hsa-miR-93*	PLN	-6.41176				FALSE
hsa-miR-652	BGN	-6.41163				FALSE
hsa-miR-22	ALKBH2	-6.41159				FALSE
hsa-miR-223	GKAP1	-6.40966				FALSE
hsa-miR-106b	CREBL2	-6.40958				FALSE
hsa-miR-96	ETS1	-6.40879	-0.1393			FALSE
hsa-miR-185	DMPK	-6.40843				FALSE
hsa-miR-148a*	MTMR9	-6.40798				FALSE
hsa-miR-590-5p	MS4A2	-6.4068		-0.0777	0.0574	FALSE
hsa-miR-15b	GLIS1	-6.40592				FALSE
hsa-miR-18a	KIAA0247	-6.40587		-0.064	0.1175	FALSE
hsa-miR-24	ALDH6A1	-6.40534				FALSE
hsa-miR-148b	MFAP5	-6.40479				FALSE
hsa-miR-339-3p	MMP14	-6.40428				FALSE
hsa-miR-3065-5p	SULF1	-6.40399				FALSE
hsa-miR-532-5p	COL10A1	-6.40374				FALSE
hsa-miR-192	GAS6	-6.40317				FALSE
hsa-miR-181d	NQO1	-6.40305				FALSE
hsa-miR-30a*	NUF2	-6.40286				FALSE
hsa-miR-186	MXRA5	-6.40271				FALSE
hsa-miR-30e*	COL6A2	-6.40224				FALSE
hsa-miR-424*	N4BP2L1	-6.40198				FALSE

hsa-miR-101	PGAM1	-6.40142				FALSE
hsa-miR-142-3p	USP47	-6.40072				FALSE
hsa-miR-200c*	FILIP1L	-6.40072				FALSE
hsa-let-7f-2*	FBN1	-6.40036				FALSE
hsa-miR-1307	TPT1	-6.39954				FALSE
hsa-miR-93	CSRP1	-6.39953				FALSE
hsa-miR-3615	PDLIM3	-6.39935				FALSE
hsa-miR-32	RAB31	-6.39929				FALSE
hsa-miR-33a*	TYROBP	-6.39883				FALSE
hsa-miR-409-3p	ECHDC2	-6.39832				FALSE
hsa-miR-29c*	GPR161	-6.39793				FALSE
hsa-miR-31*	ZNF652	-6.39789				FALSE
hsa-miR-181c	CENPM	-6.39783				FALSE
hsa-miR-379	CLASRP	-6.39744				FALSE
hsa-miR-20a*	MMP2	-6.39686				FALSE
hsa-miR-19b-1*	MYL9	-6.3964				FALSE
hsa-miR-30c-2*	CDKN3	-6.39619				FALSE
hsa-miR-576-5p	SGCD	-6.39618				FALSE
hsa-miR-324-5p	TNS1	-6.39601				FALSE
hsa-miR-505	ECM2	-6.39576				FALSE
hsa-miR-194	FHL3	-6.39542				FALSE
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hsa-miR-106b*	RBKS	-6.39523				FALSE
hsa-miR-15b	GALNTL2	-6.39513				FALSE
hsa-miR-182	MEF2C	-6.39509	-0.633	-0.388		FALSE
hsa-miR-200c*	OLFML1	-6.39482				FALSE
hsa-miR-145*	FANCA	-6.39475				FALSE
hsa-miR-200a	KCTD12	-6.39471	-0.5483	-0.278	0.3149	FALSE
hsa-miR-130b	TNS1	-6.39464				FALSE
hsa-miR-18b	MMP2	-6.39435				FALSE
hsa-miR-194	CALD1	-6.3943				FALSE
hsa-miR-92a	CYB5R1	-6.39397	-0.4155	-0.197		FALSE
hsa-miR-223	ZNF14	-6.39348				FALSE
hsa-miR-15b*	LHFP	-6.39346				FALSE
hsa-miR-194	IKBIP	-6.39341				FALSE
hsa-miR-16-1*	HEPH	-6.39336				FALSE
hsa-miR-34c-5p	DNMT3B	-6.39304				FALSE
hsa-miR-128	FAP	-6.39271				FALSE
hsa-miR-200b	JAM3	-6.39219		-0.085		FALSE
hsa-miR-192	ANTXR1	-6.39195				FALSE
hsa-miR-598	SQRDL	-6.3916				FALSE
hsa-miR-3127-5p	ANGPTL1	-6.39132				FALSE
hsa-miR-423-3p	CSRP1	-6.39112				FALSE
hsa-miR-200c	HTRA3	-6.39087				FALSE
hsa-miR-20a	GALNT5	-6.39069				FALSE

hsa-miR-326	CHCHD5	-6.38983			FALSE
hsa-miR-30d*	CDH11	-6.38976			FALSE
hsa-miR-144	ITGBL1	-6.38972			FALSE
hsa-miR-200b	PMP22	-6.38958	-1.1518	-0.273	FALSE
hsa-miR-942	HTRA3	-6.38919			FALSE
hsa-miR-199b-3p	INADL	-6.38892			FALSE
hsa-miR-33a*	CCDC80	-6.38886			FALSE
hsa-miR-590-5p	ARHGAP1	-6.38853			FALSE
hsa-miR-30d	CKAP4	-6.38829	-0.1709		FALSE
hsa-miR-148a*	PNMA1	-6.38767			FALSE
hsa-miR-17	CAST	-6.3872			FALSE
hsa-miR-30d	PPAPDC1A	-6.38694			FALSE
hsa-miR-15b	SNED1	-6.38672			FALSE
hsa-miR-150	ENO2	-6.38667			FALSE
hsa-miR-21	ZNF10	-6.38646	-0.9264	-0.496	FALSE
hsa-miR-324-3p	ODF3B	-6.38615			FALSE
hsa-miR-652	PRKG1	-6.38591			FALSE
hsa-miR-30c	VCAN	-6.38527	-0.125		FALSE
hsa-miR-425*	COL8A2	-6.38516			FALSE
hsa-miR-200b*	F13A1	-6.38515			FALSE
hsa-miR-30a	MCM10	-6.38505			FALSE
hsa-miR-20b	AHNAK2	-6.3849			FALSE
hsa-miR-17*	ZCCHC24	-6.38477			FALSE
hsa-miR-92a	CD53	-6.38476			FALSE
hsa-miR-483-3p	1-Sep	-6.38444			FALSE
hsa-miR-146b-3p	TRPT1	-6.38368			FALSE
hsa-miR-577	OLFML1	-6.38363			FALSE
hsa-miR-340	TGFB1I1	-6.38357			FALSE
hsa-miR-432	C6orf136	-6.38356			FALSE
hsa-miR-651	COL1A2	-6.38288			FALSE
hsa-miR-423-3p	C1QTNF7	-6.38284			FALSE
hsa-miR-7-1*	ISM1	-6.3827			FALSE
hsa-miR-93	C19orf33	-6.3826			FALSE
hsa-let-7b	VPS33A	-6.38219	-1.1611	-0.3645	FALSE
hsa-miR-149	HLA-DRA	-6.38218			FALSE
hsa-miR-210	CCL19	-6.38112			FALSE
hsa-miR-651	ZFPM2	-6.38108			FALSE
hsa-miR-425*	GPR124	-6.38105			FALSE
hsa-miR-32	COL12A1	-6.38102	-0.6933	-0.213	FALSE
hsa-miR-501-5p	MSRB3	-6.38042			FALSE
hsa-miR-627	AEBP1	-6.38022			FALSE
hsa-miR-30d*	FBLN1	-6.38021			FALSE
hsa-miR-33b	FHL1	-6.38008			FALSE
hsa-miR-410	ECHDC2	-6.379			FALSE
hsa-miR-181d	HTATIP2	-6.37893			FALSE

hsa-miR-92a-1*	DACT3	-6.37888			FALSE
hsa-miR-331-5p	AOC3	-6.37879			FALSE
hsa-miR-301b	SERPING1	-6.37716			FALSE
hsa-miR-20a	ITM2B	-6.37709			FALSE
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hsa-miR-15a	OGN	-6.37608			FALSE
hsa-miR-19a	BHLHE41	-6.37586	-0.1011		FALSE
hsa-miR-19b-1*	PLN	-6.37583			FALSE
hsa-miR-17	CX3CL1	-6.37577	-0.1238	-0.144	FALSE
hsa-miR-29c	KLHL7	-6.37568			FALSE
hsa-miR-18a	BTD	-6.37559			FALSE
hsa-miR-181d	LACTB	-6.37532			FALSE
hsa-miR-30a	MELK	-6.37455			FALSE
hsa-miR-30a*	MELK	-6.37428			FALSE
hsa-miR-378*	CTHRC1	-6.37402			FALSE
hsa-miR-26a	ALDOA	-6.37386			FALSE
hsa-miR-889	TMEM80	-6.37323			FALSE
hsa-miR-16-2*	COL6A3	-6.37307			FALSE
hsa-miR-142-5p	KIAA1549	-6.37304			FALSE
hsa-miR-431	PRKCD	-6.37194			FALSE
hsa-miR-425*	IGFBP7	-6.37189			FALSE
hsa-miR-181d	LHFPL2	-6.37183			FALSE
hsa-miR-454	BGN	-6.37169			FALSE
hsa-miR-30a*	PIF1	-6.37146			FALSE
hsa-miR-760	PLD4	-6.37135			FALSE
hsa-miR-96	GNG2	-6.37111			FALSE
hsa-miR-101	PRC1	-6.3706	-0.591		FALSE
hsa-miR-200b	DSE	-6.3687			FALSE
hsa-miR-148b	COL10A1	-6.36867	-1.1988	-0.336	FALSE
hsa-miR-425	TENC1	-6.3683			FALSE
hsa-miR-15b*	SPON1	-6.36824			FALSE
hsa-miR-16-2*	COL3A1	-6.36821			FALSE
hsa-miR-32	PLN	-6.36658			FALSE
hsa-miR-128	PTRF	-6.36649			FALSE
hsa-miR-194	RECK	-6.36633			FALSE
hsa-miR-197	LMOD1	-6.36625			FALSE
hsa-miR-30b	YIPF5	-6.36601	-0.6266	-0.24	FALSE
hsa-miR-1	STIL	-6.3657			FALSE
hsa-miR-30d	PRRX1	-6.36538			FALSE
hsa-miR-326	RPS18	-6.36522			FALSE
hsa-miR-429	CHSY3	-6.36501	-1.0329	-0.223	FALSE
hsa-miR-532-3p	SFRP2	-6.36462			FALSE
hsa-miR-101	SLC2A1	-6.36419		-0.121	FALSE
hsa-miR-200c*	IGFBP7	-6.36412			FALSE
hsa-miR-7-1*	BNC2	-6.3641			FALSE

hsa-miR-125a-5p	H2AFZ	-6.36385				FALSE
hsa-miR-30a*	KCTD5	-6.3638				FALSE
hsa-miR-369-3p	PSD4	-6.36341				FALSE
hsa-miR-214	GFM2	-6.36338				FALSE
hsa-miR-21*	LYRM9	-6.36258				FALSE
hsa-miR-18a	BHLHE41	-6.36254				FALSE
hsa-miR-192	SSC5D	-6.36243				FALSE
hsa-miR-3065-5p	ACTA2	-6.3621				FALSE
hsa-miR-29c	PRR11	-6.36155				FALSE
hsa-miR-30d*	MXRA8	-6.36135				FALSE
hsa-miR-26b*	SGCD	-6.36126				FALSE
hsa-miR-99a	ERO1L	-6.35973				FALSE
hsa-miR-324-3p	CNRIP1	-6.35946				FALSE
hsa-miR-592	SPON1	-6.35918				FALSE
hsa-miR-9	SGMS2	-6.35884	-0.3292	-0.465	0.9397	FALSE
hsa-miR-200c	CMTM3	-6.35883				FALSE
hsa-miR-200a	CXCL12	-6.35827		-0.729	0.862	FALSE
hsa-miR-340*	MYH11	-6.35817				FALSE
hsa-miR-1296	PLD4	-6.35813				FALSE
hsa-miR-149	HLA-DPA1	-6.3578				FALSE
hsa-miR-429	SYNE1	-6.35764				FALSE
hsa-miR-454	PPAPDC3	-6.35741				FALSE
hsa-miR-22	FAM117B	-6.35719				FALSE
hsa-miR-20a*	SERPING1	-6.35712				FALSE
hsa-miR-141*	CCDC80	-6.35702				FALSE
hsa-miR-15b	MMP2	-6.3565				FALSE
hsa-miR-17*	OCEL1	-6.35638				FALSE
hsa-miR-19b	ECM2	-6.35561	-0.9858	-0.321	0.0236	FALSE
hsa-miR-651	CNN1	-6.35542				FALSE
hsa-miR-30a*	ARHGEF39	-6.35502				FALSE
hsa-miR-152	WDR6	-6.3546				FALSE
hsa-miR-18a	TACC1	-6.35438				FALSE
hsa-miR-194	LEPREL2	-6.35398				FALSE
hsa-miR-22	MATR3	-6.35318				FALSE
hsa-miR-1	L2HGDH	-6.35309		-0.065		FALSE
hsa-miR-148b	ADAM12	-6.35292				FALSE
hsa-miR-18a	MR1	-6.3528				FALSE
hsa-miR-660	COL5A1	-6.35256				FALSE
hsa-miR-125a-5p	FAM54A	-6.3522				FALSE
hsa-miR-32	SEC23A	-6.35187				FALSE
hsa-miR-339-3p	BNC2	-6.3517				FALSE
hsa-miR-577	AEBP1	-6.35167				FALSE
hsa-miR-96	TSHZ3	-6.35165	-0.8346			FALSE
hsa-miR-22*	RBM27	-6.35156				FALSE
hsa-miR-362-5p	CALD1	-6.35121				FALSE

hsa-miR-142-5p	DET1	-6.35033				FALSE
hsa-miR-660	COL11A1	-6.3496				FALSE
hsa-miR-25	DCN	-6.34926				FALSE
hsa-miR-369-5p	KIAA1468	-6.34924				FALSE
hsa-miR-19b	CTSA	-6.34899				FALSE
hsa-miR-32	LRRC15	-6.34871				FALSE
hsa-miR-744*	SERPING1	-6.34822				FALSE
hsa-miR-340*	INPP4B	-6.34796				FALSE
hsa-miR-23a	TOR2A	-6.34787				FALSE
hsa-miR-574-3p	PTPRCAP	-6.34781				FALSE
hsa-miR-200b	TPM2	-6.34702				FALSE
hsa-miR-301a	MMP2	-6.3467				FALSE
hsa-miR-155	SHANK2	-6.34619	-0.1415	-0.159	0.317	FALSE
hsa-miR-22*	MGA	-6.34584				FALSE
hsa-miR-454	LMOD1	-6.34527				FALSE
hsa-miR-106b*	PEX2	-6.34501				FALSE
hsa-miR-363	SHC1	-6.34455				FALSE
hsa-miR-16-2*	ISM1	-6.34417				FALSE
hsa-miR-200c*	CD248	-6.34386				FALSE
hsa-let-7e*	GZMB	-6.34305				FALSE
hsa-miR-183	BTN3A1	-6.3427				FALSE
hsa-miR-877	KCNMB1	-6.34258				FALSE
hsa-miR-19b	MS4A2	-6.34214				FALSE
hsa-miR-141*	POSTN	-6.34165				FALSE
hsa-miR-942	AEBP1	-6.34163				FALSE
hsa-miR-16-2*	ADAMTS16	-6.34158				FALSE
hsa-miR-192	LEPREL2	-6.34108				FALSE
hsa-miR-194*	CPXM1	-6.34107				FALSE
hsa-miR-93*	C1S	-6.34106				FALSE
hsa-miR-660	PDLIM7	-6.34105				FALSE
hsa-miR-30a*	AVEN	-6.34039				FALSE
hsa-miR-590-5p	A2M	-6.34031				FALSE
hsa-miR-629	HSPB7	-6.34022				FALSE
hsa-miR-1468	ITGA3	-6.34013				FALSE
hsa-miR-25	TMEM59	-6.33952				FALSE
hsa-miR-30d	MSANTD3	-6.33947				FALSE
hsa-miR-19b	BNC2	-6.3393		-0.4591	0.9422	FALSE
hsa-miR-141	ANGPTL1	-6.33909	-1.1856	-0.43		FALSE
hsa-miR-335*	TOM1	-6.33906				FALSE
hsa-miR-671-5p	PTGER3	-6.33883				FALSE
hsa-miR-532-5p	LRRC15	-6.33881				FALSE
hsa-miR-660	ADAMTS12	-6.3387				FALSE
hsa-miR-30d*	BNC2	-6.33854				FALSE
hsa-miR-200b*	HTRA1	-6.3385				FALSE
hsa-miR-324-3p	PLD4	-6.33834				FALSE

hsa-miR-186	VCAN	-6.33818				FALSE
hsa-miR-191*	COPZ2	-6.3381				FALSE
hsa-miR-629	C1QTNF7	-6.33759				FALSE
hsa-miR-335	LRRC15	-6.33753				FALSE
hsa-miR-454	LRP10	-6.33743				FALSE
hsa-miR-200a	PCOLCE	-6.33731				FALSE
hsa-miR-19b	LRP10	-6.33672				FALSE
hsa-miR-141	PDGFRB	-6.3365		-0.037	0.1667	FALSE
hsa-miR-429	SNAI2	-6.33612	-1.0836	-0.2135	0.1792	FALSE
hsa-miR-135a	NPC1	-6.33601	-0.4229	-0.227	0.49	FALSE
hsa-miR-1247	PRPSAP2	-6.33499				FALSE
hsa-miR-425*	BGN	-6.33497				FALSE
hsa-miR-532-5p	PRKCDBP	-6.33465				FALSE
hsa-miR-128	ITGBL1	-6.33455				FALSE
hsa-miR-200a*	ASPN	-6.33439				FALSE
hsa-miR-3127-5p	PLN	-6.33438				FALSE
hsa-miR-222	ZMYM2	-6.33412	-0.2431	-0.128	0.3223	FALSE
hsa-miR-335*	CD86	-6.33403				FALSE
hsa-miR-19b-1*	HSPB8	-6.33399				FALSE
hsa-miR-590-3p	HSPG2	-6.33376				FALSE
hsa-miR-339-3p	ZCCHC24	-6.33338				FALSE
hsa-miR-200c	NEXN	-6.33295				FALSE
hsa-miR-24	SARM1	-6.33288				FALSE
hsa-miR-200a	GALNTL2	-6.33261	-0.2085			FALSE
hsa-miR-192	PRRX1	-6.3325				FALSE
hsa-miR-20a*	KIAA0513	-6.33157				FALSE
hsa-miR-1296	GIMAP2	-6.33156				FALSE
hsa-miR-19a	GPR124	-6.33154				FALSE
hsa-miR-29c	CDCA5	-6.33141		-0.053	0.0109	FALSE
hsa-miR-381	RASSF7	-6.33137				FALSE
hsa-miR-33b	DCHS1	-6.33133				FALSE
hsa-miR-186	LMOD1	-6.3311				FALSE
hsa-miR-101*	COL5A2	-6.33106				FALSE
hsa-miR-200b	SPHK1	-6.33102				FALSE
hsa-miR-381	CDK5RAP3	-6.33073				FALSE
hsa-miR-200a	TMEM55A	-6.33061				FALSE
hsa-miR-149	HLA-DPB1	-6.3303				FALSE
hsa-miR-214	COG3	-6.32996				FALSE
hsa-miR-577	NEXN	-6.32972				FALSE
hsa-miR-7-1*	DACT1	-6.32947				FALSE
hsa-miR-744*	PRELP	-6.32909				FALSE
hsa-miR-505	ZBTB4	-6.32873				FALSE
hsa-miR-590-5p	COL6A3	-6.32843				FALSE
hsa-miR-15b*	ABCA6	-6.32808				FALSE
hsa-miR-148b	VCAN	-6.32784				FALSE

hsa-miR-20a	MSRB3	-6.32752		-0.038		FALSE
hsa-miR-192	SCARF2	-6.32741				FALSE
hsa-miR-200a*	LGALS1	-6.32736				FALSE
hsa-miR-194*	TSHZ3	-6.32716				FALSE
hsa-miR-192	FBN1	-6.32694	-1.5398			FALSE
hsa-miR-30d	GAS1	-6.32687	-0.1404			FALSE
hsa-miR-16-2*	PDGFD	-6.32678				FALSE
hsa-miR-340*	ZBTB7A	-6.32632				FALSE
hsa-miR-590-5p	CPA3	-6.32609	-0.201			FALSE
hsa-miR-194*	MAGEL2	-6.32588				FALSE
hsa-miR-660	ANTXR1	-6.32563				FALSE
hsa-miR-25	HTRA1	-6.32541				FALSE
hsa-miR-429	CAV1	-6.32489		-0.198		FALSE
hsa-miR-144	ITGA11	-6.32428				FALSE
hsa-miR-194	VCAN	-6.32428				FALSE
hsa-let-7e	SCO2	-6.32385				FALSE
hsa-miR-200b	EDNRA	-6.32379	-1.1194	-0.575	0.1294	FALSE
hsa-miR-148b	COL6A1	-6.32369			0.2219	FALSE
hsa-miR-127-3p	DOM3Z	-6.32346				FALSE
hsa-miR-148b	FRMD6	-6.32335				FALSE
hsa-miR-19b-1*	LRRC32	-6.32254				FALSE
hsa-miR-942	C16orf45	-6.32241				FALSE
hsa-miR-200a	TLN1	-6.32207				FALSE
hsa-miR-183	IL10RA	-6.32157		-0.035		FALSE
hsa-miR-194*	COPZ2	-6.32066				FALSE
hsa-miR-200b*	RAB31	-6.32059				FALSE
hsa-miR-103a-2*	TPSB2	-6.32057				FALSE
hsa-miR-379	TMCO6	-6.32014				FALSE
hsa-miR-18a*	ZCCHC24	-6.32006				FALSE
hsa-miR-18b	DCN	-6.31986				FALSE
hsa-miR-22*	KLHL23	-6.31959				FALSE
hsa-miR-125a-5p	CKAP2L	-6.31944				FALSE
hsa-miR-660	SERPINE1	-6.31928				FALSE
hsa-miR-425*	GALNTL2	-6.31924				FALSE
hsa-miR-139-5p	HELLS	-6.31863				FALSE
hsa-miR-629	NDN	-6.31822				FALSE
hsa-miR-1	DONSON	-6.31811				FALSE
hsa-miR-106b*	TMEM9B	-6.31773				FALSE
hsa-miR-194	RAI14	-6.31724				FALSE
hsa-let-7f-2*	PRKG1	-6.31721				FALSE
hsa-miR-29b-1*	DCHS1	-6.31703				FALSE
hsa-miR-589*	PPP1R12B	-6.31698				FALSE
hsa-miR-92a-1*	ITGBL1	-6.31666				FALSE
hsa-miR-106b	PLSCR4	-6.31659	-1.9116	-0.706		FALSE
hsa-miR-429	CCDC80	-6.31616				FALSE

hsa-miR-26b*	VCAN	-6.31613				FALSE
hsa-miR-101	SEC61G	-6.31533				FALSE
hsa-miR-629	CTSO	-6.31529				FALSE
hsa-miR-485-3p	HSBP1L1	-6.31524				FALSE
hsa-miR-93	CREBL2	-6.31501				FALSE
hsa-miR-200b	ANGPTL2	-6.31467				FALSE
hsa-miR-429	ANGPTL2	-6.31444				FALSE
hsa-miR-148b	HTRA1	-6.31437				FALSE
hsa-miR-16-2*	KIF26B	-6.31375				FALSE
hsa-miR-29c	CBX1	-6.31342		-0.108	0.8025	FALSE
hsa-miR-502-3p	COL1A2	-6.31313				FALSE
hsa-let-7a*	SLAMF7	-6.31282				FALSE
hsa-miR-590-5p	LMOD1	-6.31259				FALSE
hsa-miR-425*	GLT8D2	-6.31251				FALSE
hsa-miR-20a*	APOL1	-6.31215				FALSE
hsa-miR-92a	ECM2	-6.31211				FALSE
hsa-miR-200c	ANTXR1	-6.31174				FALSE
hsa-miR-182	BNC2	-6.31143		-0.551	0.9973	FALSE
hsa-miR-186	COL10A1	-6.31114				FALSE
hsa-miR-93*	CTSG	-6.31114				FALSE
hsa-miR-15b*	PLSCR4	-6.31102				FALSE
hsa-miR-200c*	PBXIP1	-6.31097				FALSE
hsa-miR-660	ADAM12	-6.31067				FALSE
hsa-miR-192	KIF26B	-6.31037				FALSE
hsa-miR-15a	TCEAL7	-6.31022				FALSE
hsa-miR-502-3p	SFRP2	-6.31004				FALSE
hsa-miR-141*	ANTXR2	-6.30999				FALSE
hsa-miR-409-3p	AMT	-6.30972				FALSE
hsa-miR-30b	LOX	-6.30964	-1.3789			FALSE
hsa-miR-194	FN1	-6.30951	-0.1711			FALSE
hsa-miR-3615	PGM5	-6.30948				FALSE
hsa-miR-218	ZC3H12A	-6.30948				FALSE
hsa-miR-200b*	LMOD1	-6.30928				FALSE
hsa-miR-22	IP6K2	-6.30905				FALSE
hsa-miR-17*	NNMT	-6.30903				FALSE
hsa-miR-629*	PODN	-6.30812				FALSE
hsa-miR-93	HTRA1	-6.30768				FALSE
hsa-miR-30e*	P4HA3	-6.30711				FALSE
hsa-miR-18a	LDLRAD4	-6.30705				FALSE
hsa-miR-20a	HEPH	-6.30673	-0.2954			FALSE
hsa-miR-134	TMEM80	-6.3066				FALSE
hsa-miR-1226	LDLRAD4	-6.30611				FALSE
hsa-miR-18a	ITGBL1	-6.30554				FALSE
hsa-miR-421	ECM2	-6.30552				FALSE
hsa-miR-210	CNRIP1	-6.30527	-0.653	-0.181	0.0659	FALSE

hsa-miR-141	KCTD12	-6.30498	-0.5483	-0.278	0.3149	FALSE
hsa-miR-30e*	TREM1	-6.30483				FALSE
hsa-miR-199b-5p	FANCA	-6.30467	-0.1983			FALSE
hsa-miR-181d	WARS	-6.30425				FALSE
hsa-miR-130b	CYBRD1	-6.30393	-0.5463	-0.294		FALSE
hsa-miR-375	SEC23A	-6.30243	-0.1581	-0.25	0.3843	FALSE
hsa-miR-19b	ITGBL1	-6.30172				FALSE
hsa-miR-502-3p	HTRA3	-6.30127				FALSE
hsa-miR-16-2*	IGFBP7	-6.30122				FALSE
hsa-miR-3200-3p	C19orf33	-6.30116				FALSE
hsa-miR-200c*	EDNRA	-6.30107				FALSE
hsa-miR-210	SHE	-6.30093		-0.0742		FALSE
hsa-miR-425*	C1S	-6.30053				FALSE
hsa-miR-223*	PRR24	-6.30026				FALSE
hsa-miR-200b	MYL9	-6.29999				FALSE
hsa-miR-101	CDCA8	-6.29974				FALSE
hsa-miR-192*	ISLR	-6.29927				FALSE
hsa-miR-30d*	CREB3L1	-6.2992				FALSE
hsa-miR-16	COL14A1	-6.29884				FALSE
hsa-miR-301a	SYNPO	-6.2987				FALSE
hsa-miR-200c*	COL6A1	-6.29811				FALSE
hsa-miR-25	KIAA0513	-6.2981				FALSE
hsa-miR-30a*	KIF14	-6.29809				FALSE
hsa-miR-15b*	MYCT1	-6.29802				FALSE
hsa-miR-17	ITM2B	-6.29781				FALSE
hsa-miR-200b*	SPARCL1	-6.29754				FALSE
hsa-miR-7-1*	ISLR	-6.29744				FALSE
hsa-miR-15a	SGCD	-6.29715		-0.054	0.7379	FALSE
hsa-miR-214	TMEM161B	-6.29684	-1.5411	-0.494	0.4101	FALSE
hsa-miR-125a-5p	E2F2	-6.29653	-0.1129	-0.1255	0.7408	FALSE
hsa-miR-101	PLK1	-6.29629	-0.2427			FALSE
hsa-miR-192	JAM3	-6.2958				FALSE
hsa-miR-200c	PDE1B	-6.29555				FALSE
hsa-miR-3677-3p	GLTSCR2	-6.2953				FALSE
hsa-miR-194*	PMP22	-6.2949				FALSE
hsa-miR-651	SMOC2	-6.29483				FALSE
hsa-miR-141	NAP1L3	-6.29467	-1.0726	-0.247	0.1675	FALSE
hsa-miR-25	TGFB1	-6.29432				FALSE
hsa-miR-577	PODNL1	-6.29402				FALSE
hsa-miR-130b*	CPA3	-6.29352				FALSE
hsa-miR-32	GPX8	-6.2935	-0.219			FALSE
hsa-miR-215	COL12A1	-6.29348				FALSE
hsa-miR-146b-3p	ZNF446	-6.29343				FALSE
hsa-miR-101	SERPINH1	-6.29342				FALSE
hsa-miR-200b*	LEPRE1	-6.29327				FALSE

hsa-miR-30d	COL3A1	-6.29302				FALSE
hsa-miR-16-2*	DACT3	-6.29287				FALSE
hsa-miR-1180	PRELP	-6.29265				FALSE
hsa-miR-30a	CASC5	-6.29253				FALSE
hsa-miR-15b*	MAMDC2	-6.29253				FALSE
hsa-miR-1180	YPEL5	-6.29224				FALSE
hsa-miR-30d*	PDLIM7	-6.29206				FALSE
hsa-miR-22	TSEN2	-6.29192				FALSE
hsa-miR-577	MSRB3	-6.29173				FALSE
hsa-miR-106b*	CAPZA2	-6.29171				FALSE
hsa-miR-103a	CNN1	-6.29119				FALSE
hsa-miR-589	PRELP	-6.29096				FALSE
hsa-miR-590-5p	OGN	-6.29001				FALSE
hsa-miR-200a*	SHISA4	-6.28972				FALSE
hsa-miR-181c	ERO1L	-6.28934	-1.5237	-0.227		FALSE
hsa-miR-200a*	NID1	-6.28885				FALSE
hsa-miR-148b	PLAU	-6.28859				FALSE
hsa-miR-429	FCGR2A	-6.2885				FALSE
hsa-miR-183	MYO1F	-6.28848				FALSE
hsa-miR-92a-1*	SGCD	-6.28829				FALSE
hsa-miR-324-5p	MVP	-6.28814				FALSE
hsa-miR-133b	PAICS	-6.28797				FALSE
hsa-miR-141*	NID2	-6.28792				FALSE
hsa-miR-432	PSME1	-6.28789				FALSE
hsa-miR-576-5p	OGN	-6.28769				FALSE
hsa-let-7a	CDC34	-6.28736	-0.193	-0.383	0.9954	FALSE
hsa-miR-22*	LRBA	-6.28729				FALSE
hsa-miR-192	LMOD1	-6.28721				FALSE
hsa-miR-93*	LMOD1	-6.28641				FALSE
hsa-miR-191*	TGFB1I1	-6.2848				FALSE
hsa-miR-339-3p	TIMP2	-6.2848				FALSE
hsa-miR-181d	PGAM1	-6.28468		-0.07		FALSE
hsa-miR-32	COL15A1	-6.2846				FALSE
hsa-miR-101	BZW1	-6.2846	-0.4446	-0.231	0.308	FALSE
hsa-miR-454	KIAA1462	-6.2839	-0.4462	-0.173	0.9009	FALSE
hsa-miR-500a	ASPN	-6.2838				FALSE
hsa-miR-200a	FHL3	-6.28369				FALSE
hsa-miR-576-5p	TNS1	-6.28366				FALSE
hsa-miR-942	LRRC32	-6.28324				FALSE
hsa-miR-16	FAM198B	-6.28314				FALSE
hsa-miR-18a	ZCCHC24	-6.28285	-0.283	-0.223	0.2203	FALSE
hsa-miR-200c*	VSTM4	-6.28267				FALSE
hsa-miR-20a*	GBP2	-6.28238				FALSE
hsa-miR-92a-1*	TIMP2	-6.28225				FALSE
hsa-miR-106b	PJA2	-6.28208				FALSE

hsa-miR-142-5p	SRSF8	-6.28194				FALSE
hsa-miR-577	RAB31	-6.28098				FALSE
hsa-miR-19b-1*	TIMP3	-6.28094				FALSE
hsa-miR-200b*	DDR2	-6.2809				FALSE
hsa-miR-20a	STOM	-6.28079	-0.636	-0.3745		FALSE
hsa-miR-29c	RAD51	-6.28068				FALSE
hsa-miR-429	GAS1	-6.27998				FALSE
hsa-miR-483-3p	ITGB7	-6.27975				FALSE
hsa-miR-107	PHLDA3	-6.27899				FALSE
hsa-miR-19b-1*	AEBP1	-6.27856				FALSE
hsa-miR-223	GTF2IRD2B	-6.2785				FALSE
hsa-miR-425*	CNRIP1	-6.27841				FALSE
hsa-miR-200a*	4-Sep	-6.27796				FALSE
hsa-miR-222	KIAA1549	-6.27785		-0.2297	0.0996	FALSE
hsa-miR-423-3p	TPSAB1	-6.27768				FALSE
hsa-miR-33a*	SPON1	-6.27754				FALSE
hsa-miR-3065-5p	CXCL12	-6.2771				FALSE
hsa-miR-374b	BLZF1	-6.27693				FALSE
hsa-miR-30b*	ECM2	-6.27664				FALSE
hsa-miR-15b	MFAP4	-6.27643				FALSE
hsa-miR-1307	RARRES2	-6.27604				FALSE
hsa-miR-200b	KCTD12	-6.27599	-0.1981	-0.382		FALSE
hsa-miR-125b-2*	RCE1	-6.27583				FALSE
hsa-miR-30e	COL5A3	-6.27582				FALSE
hsa-miR-483-3p	MVP	-6.27578				FALSE
hsa-miR-200a	CDH11	-6.27573				FALSE
hsa-miR-18b	SGCD	-6.27537		-0.1		FALSE
hsa-miR-192*	COL6A1	-6.27524				FALSE
hsa-miR-200c*	CXCL12	-6.27503				FALSE
hsa-miR-98	KCNK6	-6.27463	-0.4465	-0.207		FALSE
hsa-miR-22*	KIAA1958	-6.27453				FALSE
hsa-miR-32	CNN1	-6.27439				FALSE
hsa-miR-101*	COL4A1	-6.27407				FALSE
hsa-miR-193b	PCMTD2	-6.27402				FALSE
hsa-miR-3677-3p	CX3CR1	-6.27336				FALSE
hsa-miR-30d*	P4HA3	-6.27311				FALSE
hsa-miR-589	EAPP	-6.27301				FALSE
hsa-miR-3615	INMT	-6.27299				FALSE
hsa-miR-181c	EIF5A	-6.27297				FALSE
hsa-miR-142-5p	FNBP1L	-6.2724				FALSE
hsa-miR-29c*	ARSI	-6.27234				FALSE
hsa-miR-2355-3p	PBX1	-6.27231				FALSE
hsa-miR-200b	BGN	-6.27191				FALSE
hsa-miR-194	DACT3	-6.27142				FALSE
hsa-miR-18b	ITGBL1	-6.27056				FALSE

hsa-miR-32	SEMA3C	-6.27048	-0.4044		FALSE
hsa-miR-1180	HLA-DMB	-6.27004			FALSE
hsa-miR-18a*	OMD	-6.26993			FALSE
hsa-miR-29c	NCAPG2	-6.26978			FALSE
hsa-miR-194*	COL6A1	-6.26958			FALSE
hsa-miR-181d	ERO1L	-6.26929	-0.8561	-0.227	FALSE
hsa-miR-629	IGFBP7	-6.26889			FALSE
hsa-miR-589	LMOD1	-6.26871			FALSE
hsa-miR-16-2*	PRELP	-6.26867			FALSE
hsa-miR-340*	VDR	-6.26785			FALSE
hsa-miR-22*	NCOA2	-6.2672			FALSE
hsa-miR-651	CDH11	-6.26705			FALSE
hsa-miR-106b*	POLD4	-6.26632			FALSE
hsa-miR-30c	ASPN	-6.26592			FALSE
hsa-miR-331-5p	CACNA1C	-6.26578			FALSE
hsa-miR-942	RCAN2	-6.26518			FALSE
hsa-miR-616*	MS4A2	-6.26505			FALSE
hsa-miR-30e*	COL10A1	-6.265			FALSE
hsa-miR-93*	NNMT	-6.26495			FALSE
hsa-miR-101	PSMD14	-6.26397			FALSE
hsa-miR-410	C6orf136	-6.26382			FALSE
hsa-miR-141*	SNAI2	-6.26363			FALSE
hsa-miR-877	FCER1A	-6.26344			FALSE
hsa-miR-154*	PRKCD	-6.26305			FALSE
hsa-miR-183	ARHGAP15	-6.26298			FALSE
hsa-miR-379	PSD4	-6.26257			FALSE
hsa-miR-200a*	PRRX1	-6.26256			FALSE
hsa-miR-127-3p	ACADVL	-6.26251			FALSE
hsa-miR-200c*	FERMT2	-6.2625			FALSE
hsa-miR-299-5p	PTPN6	-6.26246			FALSE
hsa-miR-192	RUNX1	-6.26246		-0.101	0.2187
hsa-miR-378*	LEPRE1	-6.26244			FALSE
hsa-miR-432	HSBP1L1	-6.26216			FALSE
hsa-miR-532-3p	PDLIM7	-6.26212			FALSE
hsa-miR-181c	AURKA	-6.2621			FALSE
hsa-miR-200c*	PLAC9	-6.26193			FALSE
hsa-miR-215	PRICKLE1	-6.26189			FALSE
hsa-miR-3200-3p	ANXA8L2	-6.26124			FALSE
hsa-miR-20a	ITGB5	-6.26087			FALSE
hsa-miR-330-3p	ASPN	-6.26037			FALSE
hsa-miR-942	GLT8D2	-6.26029			FALSE
hsa-miR-7-1*	COL6A2	-6.26014			FALSE
hsa-miR-429	DPYD	-6.2601			FALSE
hsa-miR-223*	FIZ1	-6.25994			FALSE
hsa-miR-31*	TRIM24	-6.25977			FALSE

hsa-miR-3613-5p	AHNAK	-6.25898				FALSE
hsa-miR-17	SERPING1	-6.25892				FALSE
hsa-miR-301b	FYB	-6.25868				FALSE
hsa-miR-30d*	LUM	-6.25851				FALSE
hsa-miR-21*	CLUL1	-6.2578				FALSE
hsa-miR-197	CNN1	-6.25766				FALSE
hsa-let-7f-2*	BMPR2	-6.25741				FALSE
hsa-miR-200c*	MFRP	-6.25734				FALSE
hsa-miR-92a	CNN1	-6.25721				FALSE
hsa-miR-200b	GREM1	-6.25683	-0.2744	-0.154		FALSE
hsa-miR-130b*	ZCCHC24	-6.25659				FALSE
hsa-miR-22*	ATE1	-6.25593				FALSE
hsa-miR-454	SSC5D	-6.25569				FALSE
hsa-miR-17*	SYTL2	-6.25514				FALSE
hsa-miR-19b	PBXIP1	-6.25478				FALSE
hsa-miR-200b	C1QTNF6	-6.25436				FALSE
hsa-miR-19b-1*	MGP	-6.25422				FALSE
hsa-miR-181c	TUBA1B	-6.25415				FALSE
hsa-miR-92a	LRP10	-6.25395				FALSE
hsa-miR-200c	IKBIP	-6.25364				FALSE
hsa-miR-660	NBL1	-6.25358				FALSE
hsa-miR-92a	HPGDS	-6.25354				FALSE
hsa-miR-92a	PODN	-6.25296				FALSE
hsa-miR-30d*	COL10A1	-6.25239				FALSE
hsa-miR-125a-5p	CENPA	-6.25222				FALSE
hsa-miR-103a-2*	TNS1	-6.25172				FALSE
hsa-miR-15b*	RANBP3L	-6.25171				FALSE
hsa-miR-425*	HSPB7	-6.25141				FALSE
hsa-miR-16-2*	FCER1A	-6.25133				FALSE
hsa-miR-16-2*	VGLL3	-6.25109				FALSE
hsa-miR-144*	CORIN	-6.25081				FALSE
hsa-miR-150	PRPSAP2	-6.25056				FALSE
hsa-miR-1307	TENC1	-6.25037				FALSE
hsa-miR-423-3p	LTBP3	-6.25014				FALSE
hsa-miR-200a	NEDD4	-6.24926		-0.14	0.109	FALSE
hsa-miR-30d*	PPAPDC3	-6.24908				FALSE
hsa-miR-30a	PRC1	-6.249	-0.1635	-0.158		FALSE
hsa-miR-496	YPEL3	-6.24869				FALSE
hsa-miR-200a	THBS1	-6.24806	-0.9271	-0.2985	0.1667	FALSE
hsa-miR-26b	GREM1	-6.24798				FALSE
hsa-miR-15a	MRVI1	-6.24798				FALSE
hsa-miR-128	MGP	-6.24791				FALSE
hsa-miR-192*	COPZ2	-6.24678				FALSE
hsa-miR-7-1*	PTGER3	-6.24671				FALSE
hsa-miR-128	CBX7	-6.24636				FALSE

hsa-miR-186	COL5A2	-6.24624				FALSE
hsa-miR-17	BNC2	-6.24578		-0.401	0.9851	FALSE
hsa-miR-29a	YWHAE	-6.24563	-0.6837	-0.183	0.6448	FALSE
hsa-miR-326	RPS10	-6.2452				FALSE
hsa-miR-210	PRELP	-6.24499				FALSE
hsa-miR-18a*	TNFSF12	-6.24475				FALSE
hsa-miR-219-1-3p	KCNMB1	-6.24429				FALSE
hsa-miR-1296	HLA-DOB	-6.24389				FALSE
hsa-miR-191*	PTRF	-6.24387				FALSE
hsa-miR-625	HMCN1	-6.24366				FALSE
hsa-miR-10a*	CRADD	-6.24338				FALSE
hsa-miR-99a	HMMR	-6.24307				FALSE
hsa-miR-19b-1*	MYH11	-6.24258				FALSE
hsa-miR-942	LHFP	-6.24246				FALSE
hsa-miR-629*	SORBS1	-6.24243				FALSE
hsa-miR-93	NBL1	-6.24222	-0.3571	-0.268	0.9478	FALSE
hsa-miR-30e*	THBS2	-6.24208				FALSE
hsa-miR-651	OMD	-6.24188				FALSE
hsa-miR-18b	PRKG1	-6.24178				FALSE
hsa-miR-19a	TXNIP	-6.24161				FALSE
hsa-miR-125a-5p	ARHGAP11	-6.24143				FALSE
hsa-miR-106a	MACF1	-6.24119	-0.4242			FALSE
hsa-miR-196b	MVP	-6.24108				FALSE
hsa-miR-194	CERCAM	-6.24107				FALSE
hsa-miR-30a*	KIF2C	-6.24106				FALSE
hsa-miR-19b-1*	LHFP	-6.24061				FALSE
hsa-miR-32	ANGPTL2	-6.24061	-0.1616	-0.155	0.767	FALSE
hsa-miR-191	CCDC80	-6.24057				FALSE
hsa-miR-654-3p	HDHD3	-6.24046				FALSE
hsa-miR-22*	PUM1	-6.23974				FALSE
hsa-miR-200b	TGFB1	-6.23932				FALSE
hsa-miR-93	FIBIN	-6.23919	-1.8686	-0.685		FALSE
hsa-miR-328	RPS9	-6.23911				FALSE
hsa-miR-200c*	FAP	-6.23909				FALSE
hsa-miR-654-5p	TRADD	-6.23909				FALSE
hsa-miR-651	ANGPTL1	-6.23872				FALSE
hsa-miR-192*	VCAN	-6.23826				FALSE
hsa-miR-15b*	MMP2	-6.23813				FALSE
hsa-miR-15b	LRRC17	-6.23729	-0.1264			FALSE
hsa-miR-223*	ZNF362	-6.23696				FALSE
hsa-miR-93	NNMT	-6.23688				FALSE
hsa-miR-7-1*	ADAMTS16	-6.23631				FALSE
hsa-miR-181c*	S100A14	-6.236				FALSE
hsa-miR-20a	COPZ2	-6.23599				FALSE
hsa-miR-760	MMP28	-6.23587				FALSE

hsa-miR-200b*	FLI1	-6.23552				FALSE
hsa-miR-141*	KDELC1	-6.23543				FALSE
hsa-miR-409-3p	NFATC2IP	-6.23459				FALSE
hsa-miR-106b	CBX7	-6.23411		-0.062		FALSE
hsa-miR-15b	MYL3	-6.23409				FALSE
hsa-miR-200c*	MRVI1	-6.234				FALSE
hsa-miR-30a*	DLGAP5	-6.23326				FALSE
hsa-miR-429	MMP2	-6.23287				FALSE
hsa-miR-1307	NAALADL1	-6.23186				FALSE
hsa-miR-191*	HTRA3	-6.2314				FALSE
hsa-miR-16	KIF26B	-6.23132				FALSE
hsa-miR-29a	ZNF627	-6.23131				FALSE
hsa-miR-1296	CD48	-6.23088				FALSE
hsa-miR-16	TMEM47	-6.23044	-0.1807	-0.177		FALSE
hsa-miR-577	RHOJ	-6.23041				FALSE
hsa-miR-181c	TPI1	-6.23002				FALSE
hsa-miR-101	NCAPG	-6.22975				FALSE
hsa-miR-181c*	CDCP1	-6.22954				FALSE
hsa-miR-192*	MXRA8	-6.22899				FALSE
hsa-miR-22*	BRPF3	-6.22876				FALSE
hsa-miR-22*	BRD3	-6.22854				FALSE
hsa-miR-339-3p	CNN1	-6.22842				FALSE
hsa-miR-128	DCN	-6.22838				FALSE
hsa-miR-127-3p	ANKZF1	-6.22773				FALSE
hsa-miR-3200-3p	LST1	-6.22734				FALSE
hsa-miR-204	ADAM8	-6.2271				FALSE
hsa-let-7g	ADAMTS12	-6.22705				FALSE
hsa-miR-3200-3p	CLEC2B	-6.22663				FALSE
hsa-miR-16	GPR124	-6.22653	-0.13	-0.189	0.6855	FALSE
hsa-miR-339-5p	MS4A2	-6.22649				FALSE
hsa-miR-194	FBN1	-6.22643	-0.1372	-0.205		FALSE
hsa-miR-301a	MRVI1	-6.22618				FALSE
hsa-miR-1226	HNMT	-6.22614				FALSE
hsa-miR-145	CENPK	-6.22603	-0.1001			FALSE
hsa-miR-937	C1QTNF7	-6.22537				FALSE
hsa-miR-21	NSMCE4A	-6.22503				FALSE
hsa-miR-125a-5p	POLE2	-6.22451				FALSE
hsa-miR-30b*	COL6A2	-6.22381				FALSE
hsa-miR-182	LY96	-6.2236				FALSE
hsa-miR-1296	HCST	-6.22335				FALSE
hsa-miR-33b	HMCN1	-6.2229				FALSE
hsa-miR-200a	LHFP	-6.22272	-2.3459	-0.663	0.3113	FALSE
hsa-miR-29b	ARHGAP28	-6.22244				FALSE
hsa-miR-181a-2*	ISG20	-6.22229				FALSE
hsa-miR-96	FAM20A	-6.22216				FALSE

hsa-miR-194*	RCN3	-6.22204				FALSE
hsa-miR-942	MMP2	-6.2219				FALSE
hsa-miR-30b*	PDLIM3	-6.22147				FALSE
hsa-miR-200b*	ARSI	-6.22128				FALSE
hsa-miR-200c	FIBIN	-6.22119	-0.2072	-0.186		FALSE
hsa-miR-7-1*	COL8A2	-6.22067				FALSE
hsa-miR-210	CD22	-6.22025	-0.1377	-0.102	0.0659	FALSE
hsa-miR-200c*	PDLIM3	-6.21999				FALSE
hsa-miR-200b	GALNTL2	-6.21979				FALSE
hsa-miR-200a	GPX8	-6.21934				FALSE
hsa-miR-7-1*	NEXN	-6.21871				FALSE
hsa-miR-423-3p	TAGLN	-6.21808				FALSE
hsa-miR-181a-2*	SLAMF7	-6.21806				FALSE
hsa-miR-20a*	MS4A2	-6.21687				FALSE
hsa-miR-182	GIMAP8	-6.21685	-1.0623	-0.354		FALSE
hsa-miR-1226	ECM2	-6.21607				FALSE
hsa-miR-423-3p	FILIP1L	-6.21594				FALSE
hsa-miR-410	NFATC2IP	-6.21587				FALSE
hsa-miR-200b*	ANGPTL1	-6.21559				FALSE
hsa-miR-16	GLT8D2	-6.21551				FALSE
hsa-miR-326	RPL27	-6.21551				FALSE
hsa-miR-200c	POSTN	-6.21511				FALSE
hsa-miR-425*	PLSCR4	-6.21471				FALSE
hsa-miR-429	EDNRA	-6.21425	-0.6235	-0.575	0.1294	FALSE
hsa-miR-15b*	CYBRD1	-6.21421				FALSE
hsa-miR-200c	FILIP1L	-6.21397				FALSE
hsa-miR-15b*	NEGR1	-6.21377				FALSE
hsa-miR-651	MEDAG	-6.21338				FALSE
hsa-miR-29c*	IGF2BP2	-6.21271				FALSE
hsa-miR-942	TNS1	-6.21246				FALSE
hsa-miR-200c	QKI	-6.21211	-3.5105	-0.426	0.2196	FALSE
hsa-miR-191	CAV2	-6.21205				FALSE
hsa-miR-671-5p	NEGR1	-6.2119				FALSE
hsa-miR-421	MRVI1	-6.21115				FALSE
hsa-miR-200c*	CTHRC1	-6.21067				FALSE
hsa-miR-15a	MSRB3	-6.21019				FALSE
hsa-miR-200c	STX2	-6.21003				FALSE
hsa-miR-130b	PIK3CG	-6.20993				FALSE
hsa-miR-22*	KAT7	-6.20985				FALSE
hsa-miR-200c*	FN1	-6.2097				FALSE
hsa-miR-200c*	PDE2A	-6.20898				FALSE
hsa-miR-214*	TMEM161B	-6.20888				FALSE
hsa-miR-181c*	CCL5	-6.20867				FALSE
hsa-miR-20a*	SMPD1	-6.2084				FALSE
hsa-miR-15b	ITGA11	-6.20754				FALSE

hsa-miR-191*	LDLRAD2	-6.20709			FALSE	
hsa-miR-106b	COL6A3	-6.20666			FALSE	
hsa-miR-1180	PLAC9	-6.20637			FALSE	
hsa-miR-128	OMD	-6.20621			FALSE	
hsa-miR-16-2*	CYS1	-6.20569			FALSE	
hsa-miR-106b	BNC2	-6.20564		-0.401	0.9851	FALSE
hsa-miR-15b*	ANTXR2	-6.20554			FALSE	
hsa-miR-625	CALD1	-6.20538			FALSE	
hsa-miR-93*	TPSAB1	-6.2053			FALSE	
hsa-miR-30d*	MAP4K4	-6.20495			FALSE	
hsa-miR-3200-3p	ARHGAP15	-6.20421			FALSE	
hsa-miR-1301	FRMD6	-6.204			FALSE	
hsa-miR-758	GSTK1	-6.20382			FALSE	
hsa-miR-29c	KIF2C	-6.2036			FALSE	
hsa-miR-3614-5p	FAM168B	-6.20334			FALSE	
hsa-miR-192	LEPRE1	-6.20324			FALSE	
hsa-miR-106b	DPYD	-6.20317	-1.2173	-0.329	FALSE	
hsa-miR-30a*	KIF4A	-6.20311			FALSE	
hsa-miR-18b	SERINC1	-6.20301			FALSE	
hsa-miR-30d*	LOX	-6.20271			FALSE	
hsa-miR-93	MYL9	-6.20209			FALSE	
hsa-miR-574-3p	RPS6	-6.20196			FALSE	
hsa-miR-30a	MND1	-6.20158	-0.1282		FALSE	
hsa-miR-203	MAP3K3	-6.20156			FALSE	
hsa-miR-192	TAGLN	-6.20152			FALSE	
hsa-miR-200a	KDELC1	-6.20114			FALSE	
hsa-miR-17	LDB2	-6.20104			FALSE	
hsa-miR-200a*	SEC23A	-6.20093			FALSE	
hsa-miR-22	ZCCHC3	-6.20076		-0.063	FALSE	
hsa-miR-192	MAGEL2	-6.20053			FALSE	
hsa-miR-92a	ARHGAP15	-6.20034			FALSE	
hsa-miR-143	HOOK2	-6.20023			FALSE	
hsa-miR-200a*	DCHS1	-6.20009			FALSE	
hsa-miR-181d	ORMDL2	-6.2			FALSE	
hsa-miR-409-3p	PSD4	-6.19942			FALSE	
hsa-miR-92a	PMP22	-6.1991	-0.1658		FALSE	
hsa-miR-425	ZBTB4	-6.19907			FALSE	
hsa-miR-1307	TMEM204	-6.19794			FALSE	
hsa-miR-150*	PEMT	-6.19756			FALSE	
hsa-let-7a*	ABCD2	-6.1973			FALSE	
hsa-miR-20a*	GIMAP1	-6.19691			FALSE	
hsa-miR-193b	RSBN1	-6.19606			FALSE	
hsa-miR-30e*	LDHA	-6.19586			FALSE	
hsa-miR-19b	OLFML1	-6.19566	-0.5528	-0.308	FALSE	
hsa-miR-181c*	MVP	-6.19559			FALSE	

hsa-miR-93*	MMP2	-6.19539				FALSE
hsa-miR-33b	NAP1L3	-6.19524	-0.9965	-0.361		FALSE
hsa-miR-30c	NEXN	-6.1952		-0.135		FALSE
hsa-let-7e*	ZNF683	-6.19504				FALSE
hsa-miR-30a*	NCAPH	-6.19501				FALSE
hsa-miR-451	ITGA11	-6.19501				FALSE
hsa-miR-30a*	HMGB3	-6.19474				FALSE
hsa-miR-32	ITGA11	-6.19425				FALSE
hsa-miR-30c	COL10A1	-6.19388				FALSE
hsa-miR-193b	EMCN	-6.19387				FALSE
hsa-miR-30e*	VCAN	-6.19367				FALSE
hsa-miR-148b	COL5A3	-6.19319				FALSE
hsa-miR-502-3p	C16orf45	-6.19307				FALSE
hsa-miR-18b	ZCCHC24	-6.19258	-0.283	-0.223	0.2203	FALSE
hsa-miR-192	ITGA11	-6.19213				FALSE
hsa-miR-200b	LOX	-6.1921	-3.1506	-0.445		FALSE
hsa-miR-194	PRICKLE1	-6.19199	-0.1452			FALSE
hsa-miR-17	PLAC9	-6.19195				FALSE
hsa-miR-30c	NID2	-6.1917		-0.106	0.2962	FALSE
hsa-miR-200c*	VCAN	-6.19166				FALSE
hsa-miR-200a*	HEYL	-6.19141				FALSE
hsa-miR-425	LMOD1	-6.19125				FALSE
hsa-miR-151-5p	NNMT	-6.19081				FALSE
hsa-miR-30e*	PHLDA2	-6.19056				FALSE
hsa-miR-30b*	PDLIM7	-6.1903				FALSE
hsa-miR-194*	COL3A1	-6.1901				FALSE
hsa-miR-30c-2*	ASCL2	-6.1901				FALSE
hsa-miR-107	MYL9	-6.18982				FALSE
hsa-miR-15a	MGP	-6.18975				FALSE
hsa-miR-590-5p	MACF1	-6.18957				FALSE
hsa-miR-214*	KIAA1731	-6.1895				FALSE
hsa-miR-194	TGFB1	-6.18939				FALSE
hsa-miR-379	SH2B1	-6.18938				FALSE
hsa-miR-128	AMIGO2	-6.18867				FALSE
hsa-miR-25	CYB5R1	-6.18839	-0.4155	-0.197		FALSE
hsa-miR-30c	TSHZ3	-6.1873	-0.209			FALSE
hsa-miR-194*	IGFBP4	-6.18728				FALSE
hsa-miR-148b	TPM2	-6.18695				FALSE
hsa-miR-93*	CNN1	-6.18675				FALSE
hsa-miR-760	SH3BGRL	-6.18674				FALSE
hsa-miR-141	CDH11	-6.18663				FALSE
hsa-miR-101	FOXO1	-6.18649				FALSE
hsa-miR-760	CACNA1C	-6.18613				FALSE
hsa-miR-1307	PKIG	-6.18546				FALSE
hsa-miR-200b*	QKI	-6.1851				FALSE

hsa-miR-106b	OGN	-6.18509				FALSE
hsa-miR-671-5p	ECM2	-6.18452				FALSE
hsa-miR-200a*	CILP	-6.18437				FALSE
hsa-miR-141	TLL1	-6.18423		-0.176	0.1666	FALSE
hsa-miR-454	IL1R1	-6.1837				FALSE
hsa-miR-30a	HMGB3	-6.18323		-0.159	0.8429	FALSE
hsa-miR-3065-5p	MEF2C	-6.18322				FALSE
hsa-miR-152	CTC1	-6.18301				FALSE
hsa-miR-141	LAMA4	-6.18279				FALSE
hsa-miR-130b	TXNIP	-6.18262	-0.4373	-0.208	0.3242	FALSE
hsa-miR-30a*	SAPCD2	-6.1823				FALSE

Supplemental Table 2

Inferred pan-cancer candidate microRNA target interactions supported by literature.

miRNA	Gene Symbol	REC score	miRanda-miRSVR score	TargetScan context-score	TargetScan Pct-score	Experimental evidence for target interaction (PMID)	Functional evidence for interaction in cancer (PMID)
hsa-miR-429	ZEB1	-10.82	-5.43	-0.79	0.95	18411277, 19854497	19854497
hsa-miR-106b	TGFBR2	-9.80	-1.52	-0.65	0.97	17/20/93)	16461460
hsa-miR-93	TGFBR2	-6.87	-1.52	-0.65	0.97	20371350	16461460
hsa-let-7b	LIN28B	-6.71	-1.18	-1.12	1.00	17699775	17699775
hsa-miR-21	PDCD4	-6.57	-1.21	-0.44	0.67	17991735, 17968323, 18270520	17991735, 17968323, 18270520
hsa-miR-200c	ZEB1	-10.83	-5.39	-0.79	0.95	18381893, 18483486	18381893, 18483486
hsa-miR-200b	ZEB1	-9.23	-5.40	-0.79	0.95	18411277, 19839049	18411277, 19839049
hsa-miR-200b	ZEB2	-7.20	-6.73	-2.13	1.00	18411277, 19839049	18411277, 19839049
hsa-miR-429	ZEB2	-9.91	-6.72	-2.13	1.00	18411277, 19854497	18411277, 19854497
hsa-miR-200a	ZEB2	-8.34	-3.35	-1.05	0.83	18411277, 19854497, 19931509	18411277, 19854497, 19931509
hsa-miR-141	ZEB2	-7.85	-3.34	-1.05	0.83	18925646, 19854497	18925646, 19854497
hsa-miR-200b	ZFPM2	-9.09	-2.13	-0.77	0.80	20005803	20005803
hsa-miR-200c	ZFPM2	-10.00	-2.13	-0.77	0.80	20005803	20005803
hsa-miR-429	ZFPM2	-9.26	-2.11	-0.77	0.80	20005803	20005803
hsa-miR-16	RECK	-6.29	-1.31	-0.44	0.88	20154725, 20371350	20154725
hsa-miR-106a	ZBTB4	-6.80	-1.67	-0.54	0.98	21765466, 22343732, 22752225	21765466, 22343732, 22752225
hsa-miR-106b	ZBTB4	-7.77	-1.67	-0.54	0.98	20371350, 21765466, 22343732, 22752225	21765466, 22343732, 22752225

hsa-miR-17	ZBTB4	-8.61	-1.67	-0.54	0.98	21765466 , 22343732 , 22752225	21765466 , 22343732 , 22752225
hsa-miR-19a	ZBTB4	-10.52	-1.89	-0.42	0.97	20371350, 21765466 , 22343732 , 22752225	21765466 , 22343732 , 22752225
hsa-miR-19b	ZBTB4	-6.60	-1.89	-0.42	0.97	20371350, 21765466 , 22343732 , 22752225	21765466 , 22343732 , 22752225
hsa-miR-20a	ZBTB4	-6.35	-1.67	-0.54	0.98	20371350, 21765466 , 22343732 , 22752225	21765466 , 22343732 , 22752225
hsa-let-7b	ARID3B	-6.20	-1.02	-0.72	1.00		
hsa-miR-106a	CRIM1	-6.84	-1.27	-0.24	0.76	(evidence for 20b, 21042576)	
hsa-miR-106a	ZNF1	-8.46	-2.78	-1.17	1.00	(evidence for miR-17)	
hsa-miR-106a	FYCO1	-9.86	-1.81	-1.04	0.98	(evidence for miR-93)	
hsa-miR-106a	EFCAB14	-7.96	-1.64	-0.52	0.99	17242205	
hsa-miR-106a	JAK1	-6.61	-1.11	-0.35	0.90	17242205	
hsa-miR-106a	AHNAK	-10.51	-1.35	-0.46	0.93		
hsa-miR-106a	SYNE1	-8.33	-1.09	-0.33	0.65		
hsa-miR-106b	ARHGAP1	-7.53	-1.11	-0.33	0.90	(evidence for miR-19)	
hsa-miR-106b	FYCO1	-9.23	-1.81	-1.04	0.98	(evidence for miR-93)	
hsa-miR-106b	EFCAB14	-7.21	-1.66	-0.52	0.99	17242205	
hsa-miR-106b	JAK1	-7.48	-1.11	-0.35	0.90	17242205	
hsa-miR-106b	AHNAK	-8.83	-1.35	-0.46	0.93		
hsa-miR-106b	DAB2	-6.64	-1.14	-0.29	0.84		
hsa-miR-106b	MMP2	-7.57	-1.13	-0.46	0.55		
hsa-miR-106b	SYNE1	-7.47	-1.09	-0.33	0.65		
hsa-miR-106b	TNS1	-6.70	-0.75	-0.25	0.90		
hsa-miR-130a	ACBD5	-9.92	-1.25	-0.51	0.72		
hsa-miR-130b	ARHGAP1	-7.41	-1.00	-0.36	0.89	20371350	
hsa-miR-130b	ZBTB4	-9.66	-1.78	-0.39	0.94	20371350	
hsa-miR-130b	ESR1	-6.67	-0.84	-0.76	0.89		

hsa-miR-135b	C6orf120	-9.73	-1.27	-0.45	0.92
hsa-miR-141	TSHZ3	-7.00	-1.96	-0.55	0.52
hsa-miR-142-3p	MYH10	-7.43	-1.10	-0.32	0.84
hsa-miR-148a	MTMR9	-7.07	-0.58	-0.72	0.96 20371350
hsa-miR-15b	MYLK	-6.49	-1.20	-0.45	0.67
hsa-miR-15b	SPRYD3	-6.94	-0.53	-0.47	0.96
hsa-miR-16	MYLK	-6.31	-1.20	-0.45	0.67
hsa-miR-16	SPRYD3	-6.60	-0.57	-0.47	0.96
hsa-miR-17	EFCAB14	-8.18	-1.64	-0.52	(evidence 0.99 for miR-106)
hsa-miR-17	ARHGAP1	-7.84	-1.11	-0.33	(evidence 0.90 for miR-19)
hsa-miR-17	FYCO1	-9.67	-1.81	-1.04	(evidence 0.98 for miR-93)
hsa-miR-17	ZNFX1	-6.76	-2.78	-1.17	1.00 19734348
hsa-miR-17	CTSA	-6.99	-0.94	-0.37	0.71
hsa-miR-17	DAB2	-6.33	-1.14	-0.29	0.84
hsa-miR-17	ENPP5	-6.29	-2.50	-0.92	0.98
hsa-miR-17	ST6GALNAC6	-6.60	-0.66	-0.32	0.66
hsa-miR-17	TXNIP	-6.38	-1.91	-0.65	0.98
hsa-miR-17	ZBTB47	-6.23	-0.93	-0.23	0.97
hsa-miR-18a	CREBL2	-10.51	-1.03	-0.47	0.57 20371350
hsa-miR-18a	ESR1	-6.70	-1.09	-0.68	0.81 19706389
hsa-miR-19a	CREBL2	-6.35	-0.72	-0.29	0.65 20371350
hsa-miR-19a	ARHGAP1	-9.50	-0.71	-0.22	0.90 20371350
hsa-miR-19b	ARHGAP1	-7.30	-0.71	-0.22	0.90 20371350
hsa-miR-19b	EFR3A	-6.25	-1.07	-0.26	0.53
hsa-miR-200a	NRP1	-6.85	-1.09	-0.37	0.74
hsa-miR-200a	TSHZ3	-7.25	-1.96	-0.55	0.52
hsa-miR-200b	CRTAP	-7.76	-0.51	-0.45	0.77
hsa-miR-200b	FSTL1	-6.43	-0.50	-0.25	0.58
hsa-miR-200b	KIAA1462	-6.26	-1.17	-0.72	0.93
hsa-miR-200b	LHFP	-6.57	-2.54	-0.78	0.74
hsa-miR-200b	MCFD2	-6.56	-2.04	-0.96	0.68
hsa-miR-200b	OSTM1	-7.67	-1.36	-0.65	0.57
hsa-miR-200b	RECK	-9.28	-2.61	-0.95	0.95
hsa-miR-200b	SEC23A	-8.34	-2.61	-0.84	0.91
hsa-miR-200b	SYDE1	-8.92	-1.02	-0.34	0.91
hsa-miR-200b	TIMP2	-6.84	-1.10	-0.60	0.87
hsa-miR-200b	ZCCHC24	-8.54	-0.92	-0.36	0.92
hsa-miR-200c	FSTL1	-6.77	-0.50	-0.25	0.58

hsa-miR-200c	KANK2	-6.87	-0.73	-0.36	0.91
hsa-miR-200c	LHFP	-9.43	-2.54	-0.78	0.74
hsa-miR-200c	OSTM1	-6.39	-1.62	-0.65	0.57
hsa-miR-200c	RECK	-9.10	-2.60	-0.95	0.95
hsa-miR-200c	SYDE1	-7.15	-1.02	-0.34	0.91
hsa-miR-200c	ZCCHC24	-11.20	-0.92	-0.36	0.92
hsa-miR-20a	EFCAB14	-6.51	-2.50	-0.52	(evidence 0.99 for miR-106)
hsa-miR-20a	ARHGAP1	-7.59	-1.11	-0.33	(evidence 0.90 for miR-19)
hsa-miR-20a	FYCO1	-8.20	-1.81	-1.04	(evidence 0.98 for miR-93)
hsa-miR-20a	CTSA	-8.08	-0.94	-0.37	0.71
hsa-miR-20a	DAB2	-6.37	-1.14	-0.29	0.84
hsa-miR-20a	ST6GALNAC6	-6.54	-0.65	-0.32	0.66
hsa-miR-20b	AHNAK	-6.51	-1.35	-0.46	0.93
hsa-miR-22	PRPF38A	-10.58	-0.68	-0.43	0.82
hsa-miR-26a	MAPK6	-8.75	-1.37	-0.52	0.64
hsa-miR-26a	SFXN1	-9.39	-1.22	-0.39	0.75
hsa-miR-27a	CCNG1	-7.31	-1.23	-0.60	0.77
hsa-miR-29a	TDG	-14.85	-2.41	-0.59	(evidence 0.75 for 29c)
hsa-miR-29a	TET1	-6.45	-1.71	-0.69	1.00 19850741
hsa-miR-29a	NREP	-9.19	-1.23	-0.37	0.87
hsa-miR-29a	TAF11	-12.60	-1.66	-0.54	0.51
hsa-miR-29b	TDG	-6.88	-2.41	-0.59	(evidence 0.75 for 29c)
hsa-miR-29b	TET1	-9.96	-1.67	-0.69	1.00 19850741
hsa-miR-29b	NREP	-19.62	-1.23	-0.37	0.87
hsa-miR-29b	UBTD2	-10.06	-0.64	-0.24	0.80
hsa-miR-29c	TDG	-6.68	-2.41	-0.59	0.75 18390668
hsa-miR-29c	TET1	-8.28	-1.71	-0.69	(evidence 1.00 for 29a/b)
hsa-miR-29c	NREP	-8.71	-1.23	-0.37	0.87
hsa-miR-29c	WASF1	-7.12	-0.89	-0.23	0.58
hsa-miR-301a	ARHGAP1	-7.27	-0.99	-0.36	(evidence 0.89 for miR-130)
hsa-miR-301b	ARHGAP1	-6.27	-0.99	-0.36	(evidence 0.89 for miR-130)

hsa-miR-30a	MYBL2	-8.24	-0.71	-0.32	0.82
hsa-miR-30a	TDG	-7.39	-0.69	-0.28	0.86
hsa-miR-30b	SEC23A	-15.35	-1.93	-0.60	0.89 18668040
hsa-miR-30b	FAP	-7.09	-1.30	-0.50	0.69
hsa-miR-30c	SEC23A	-8.00	-1.93	-0.60	0.89 18668040
hsa-miR-30c	FAP	-10.66	-1.30	-0.50	0.69
hsa-miR-30c	PRDM1	-6.33	-1.73	-0.91	0.97
hsa-miR-30d	SEC23A	-9.18	-1.93	-0.60	0.89 18668040
hsa-miR-30d	CTHRC1	-8.24	-1.18	-0.47	0.61
hsa-miR-30d	FAP	-8.63	-1.30	-0.50	0.69
hsa-miR-30d	MAP4K4	-6.45	-0.98	-0.46	0.96
hsa-miR-30e	SEC23A	-6.91	-1.92	-0.60	0.89 18668040
hsa-miR-30e	P4HA2	-6.21	-1.14	-0.45	0.51 18668040
hsa-miR-30e	ITGA5	-6.57	-0.91	-0.30	0.69
hsa-miR-30e	MAP4K4	-6.34	-0.98	-0.46	0.96
hsa-miR-32	MSRB3	-9.80	-0.59	-0.57	0.88
hsa-miR-33b	CACNA1C	-6.25	-0.66	-0.41	0.55
hsa-miR-429	CRTAP	-7.36	-0.52	-0.45	0.77
hsa-miR-429	FEZ2	-6.37	-1.56	-0.73	0.97
hsa-miR-429	JAZF1	-6.50	-1.22	-0.43	0.83
hsa-miR-429	MCFD2	-7.75	-2.05	-0.96	0.68
hsa-miR-429	MYLK	-6.95	-1.35	-0.39	0.58
hsa-miR-429	OSTM1	-8.34	-1.40	-0.65	0.57
hsa-miR-429	RECK	-8.15	-2.77	-0.95	0.95
hsa-miR-429	SEC23A	-8.52	-3.08	-0.84	0.91
hsa-miR-429	SYDE1	-6.55	-1.02	-0.34	0.91
hsa-miR-429	WIPF1	-7.41	-3.56	-1.04	0.99
hsa-miR-429	ZCCHC24	-7.73	-0.93	-0.36	0.92
					(evidence
hsa-miR-590-5p	TIMP3	-6.35	-0.57	-0.43	0.78 for miR-21)
hsa-miR-92a	DNAJB9	-6.57	-1.48	-0.42	0.96
hsa-miR-93	RORC	-6.42	-1.19	-0.36	0.83
hsa-miR-93	SYNE1	-6.99	-1.09	-0.33	0.65

Supplemental Table 3

Correlations of DNA copy number and promoter methylation alterations with miRNA expression levels across cancer types.

miRNA	miRNA in pan-cancer network	3rd highest R2 across cancer types	Cancer Types (R2 for correlation of DNA copy number level and miRNA expression across tumor samples)									
			GBM	OVA	CRC	KIRC	LUSC	BRCA	UCEC	BLCA	HNSC	LUAD
hsa-miR-106b	yes	0.134	NA	0.038	0.018	0.183	0.133	0.106	0.100	0.095	0.096	0.081
hsa-miR-130a	yes	0.050	0.024	0.055	0.022	0.026	0.011	0.050	0.034	0.048	0.051	0.002
hsa-miR-130b	yes	0.110	0.062	0.110	0.035	0.000	0.149	0.081	0.000	0.237	0.031	0.088
hsa-miR-135b	yes	0.059	0.089	0.059	0.085	0.036	0.002	0.000	0.011	0.043	0.006	0.053
hsa-miR-141	yes	0.132	NA	0.213	0.092	0.014	0.109	0.145	0.056	0.040	0.112	0.077
hsa-miR-142	yes	0.011	0.000	0.001	0.009	0.000	0.011	0.007	0.014	0.003	0.015	0.004
hsa-miR-148a	yes	0.050	0.107	0.106	0.018	0.026	0.000	0.048	0.050	0.031	0.002	0.001
hsa-miR-15b	yes	0.154	0.054	0.105	0.023	0.063	0.296	0.131	0.061	0.179	0.108	0.154
hsa-miR-16	yes	0.116	0.009	0.051	0.024	0.009	0.170	0.049	0.001	0.015	0.015	0.048
hsa-miR-17	yes	0.172	0.016	0.220	0.096	0.005	0.028	0.119	0.014	0.070	0.066	0.098
hsa-miR-18a	yes	0.043	0.003	0.131	0.017	0.001	0.034	0.062	0.003	0.035	0.032	0.043
hsa-miR-19a	yes	0.057	0.028	0.169	0.057	0.000	0.002	0.065	0.014	0.036	0.046	0.041
hsa-miR-19b	yes	0.105	0.029	0.245	0.123	0.001	0.016	0.105	0.003	0.045	0.054	0.101
hsa-miR-200a	yes	0.079	0.016	0.088	0.051	0.032	0.004	0.039	0.073	0.022	0.004	0.025
hsa-miR-200b	yes	0.070	NA	0.162	0.060	0.020	0.001	0.070	0.053	0.053	0.001	0.059
hsa-miR-200c	yes	0.171	0.020	0.201	0.041	0.030	0.171	0.231	0.126	0.046	0.122	0.053
hsa-miR-20a	yes	0.164	NA	0.150	0.182	0.022	0.024	0.104	0.008	0.054	0.021	0.064
hsa-miR-21	yes	0.072	0.010	0.054	0.079	0.009	0.006	0.132	0.058	0.005	0.018	0.008
hsa-miR-22	yes	0.138	0.047	0.039	0.052	0.001	0.198	0.054	0.138	0.215	0.007	0.008
hsa-miR-26a	yes	0.076	NA	0.012	0.027	0.019	0.003	0.002	0.014	NA	0.003	0.006
hsa-miR-27a	yes	0.074	NA	0.038	0.017	0.001	0.181	0.032	0.022	0.133	0.037	0.063
hsa-miR-29a	yes	0.080	NA	0.013	0.005	0.077	0.008	0.026	0.039	0.035	0.002	0.028
hsa-miR-29b	yes	0.044	NA	0.045	0.003	0.033	0.002	0.008	0.003	0.000	0.002	0.017
hsa-miR-29c	yes	0.055	NA	0.055	0.048	0.070	0.029	0.034	0.089	0.003	0.001	0.007
hsa-miR-301a	yes	0.094	0.027	0.150	0.043	0.043	0.066	0.094	0.017	0.103	0.012	0.069
hsa-miR-301b	yes	0.025	NA	0.017	NA	NA	0.036	NA	0.000	0.132	0.006	0.025
hsa-miR-30a	yes	0.047	0.039	0.045	0.017	0.127	0.011	0.015	0.032	0.001	0.000	0.007
hsa-miR-30b	yes	0.151	NA	0.356	NA	0.065	0.053	0.243	0.000	0.132	0.012	0.074
hsa-miR-30c	yes	0.053	0.007	0.226	0.006	0.044	0.029	0.011	0.053	0.110	0.029	0.051
hsa-miR-30d	yes	0.252	NA	0.334	0.087	0.032	0.073	0.255	0.003	0.059	0.004	0.074
hsa-miR-30e	yes	0.131	0.009	0.242	0.012	0.084	0.130	0.163	0.062	0.131	0.019	0.050
hsa-miR-32	yes	0.071	0.017	0.042	0.045	0.081	0.109	0.038	0.054	0.071	0.070	0.065

hsa-miR-33b	yes	0.025	NA	0.006	0.018	0.004	0.025	0.014	0.041	0.056	0.000	0.009
hsa-miR-429	yes	0.045	0.005	0.112	0.026	0.032	0.002	0.045	0.044	0.032	0.000	0.069
hsa-miR-590	yes	0.080	NA	NA	0.006	0.072	0.023	0.025	0.016	0.007	0.004	0.011
hsa-miR-92a	yes	0.157	0.057	0.219	0.272	0.024	0.085	0.157	0.029	0.037	0.035	0.083
hsa-miR-93	yes	0.102	NA	0.100	0.009	0.037	0.079	0.054	0.010	0.122	0.067	0.061
hsa-let7b	yes	0.062	NA	0.001	0.000	0.010	0.015	0.012	0.095	0.071	0.062	0.057
hsa-miR-1	no	0.014	0.000	0.014	0.022	0.000	0.000	0.001	0.000	0.017	0.000	0.000
hsa-miR-100	no	0.038	0.025	0.039	0.021	0.038	0.002	0.011	0.010	0.118	0.032	0.027
hsa-miR-101	no	0.023	NA	0.057	0.000	0.005	0.005	0.010	0.010	0.121	0.000	0.002
hsa-miR-107	no	0.032	0.025	0.005	0.003	0.012	0.059	0.000	0.058	0.032	0.002	0.022
hsa-miR-10a	no	0.014	0.001	0.009	0.034	0.014	0.003	0.000	0.004	0.047	0.007	0.011
hsa-miR-10b	no	0.011	NA	0.018	0.009	0.010	0.026	0.001	0.001	0.011	0.009	0.004
hsa-miR-1247	no	0.022	NA	NA	0.000	0.023	0.019	0.002	0.050	0.020	0.022	0.002
hsa-miR-125a	no	0.070	NA	0.068	NA	NA	0.037	0.035	0.023	0.125	0.003	0.008
hsa-miR-125b	no	0.041	0.006	0.013	0.016	0.002	0.052	0.021	0.004	0.107	0.013	0.027
hsa-miR-126	no	0.015	0.003	0.009	0.003	0.044	0.000	0.001	0.000	0.002	0.000	0.006
hsa-miR-127	no	0.023	0.107	0.000	0.013	0.021	0.023	0.003	0.007	0.021	0.028	0.006
hsa-miR-128	no	0.096	0.008	0.140	0.027	0.039	0.096	0.060	0.009	0.096	0.060	0.027
hsa-miR-129	no	0.017	0.000	0.007	NA	0.001	0.017	0.024	0.005	0.032	0.003	0.001
hsa-miR-132	no	0.086	NA	0.022	NA	NA	0.008	NA	0.030	0.048	0.001	0.003
hsa-miR-133a	no	0.004	0.001	0.037	0.000	0.000	0.004	0.005	0.001	0.003	0.001	0.004
hsa-miR-133b	no	0.002	0.001	0.000	0.003	NA	NA	NA	0.000	0.002	0.002	0.000
hsa-miR-134	no	0.035	0.054	0.001	0.007	0.012	0.035	0.004	0.008	0.044	0.021	0.001
hsa-miR-135a	no	0.009	0.027	0.008	NA	0.003	0.009	0.006	0.008	0.091	NA	0.005
hsa-miR-136	no	0.021	0.068	0.001	0.013	0.009	0.021	0.001	0.010	0.049	0.004	0.006
hsa-miR-137	no	0.054	0.001	0.054	NA	NA	0.066	NA	NA	0.091	0.039	0.038
hsa-miR-138	no	0.001	0.059	0.002	NA	NA	0.000	NA	NA	0.001	0.000	0.001
hsa-miR-139	no	0.010	0.004	0.000	NA	0.002	0.001	0.004	0.003	0.008	0.000	0.000
hsa-miR-140	no	0.086	0.021	0.086	0.014	0.000	0.005	0.104	0.111	0.022	0.001	0.029
hsa-miR-143	no	0.006	0.001	0.000	0.012	0.001	0.001	0.002	0.000	0.002	0.003	0.002
hsa-miR-144	no	0.002	NA	0.001	0.000	0.005	0.002	0.000	0.000	0.004	0.000	0.001
hsa-miR-145	no	0.003	NA	0.001	0.005	0.003	0.000	0.000	0.000	0.000	0.018	0.002
hsa-miR-146a	no	0.050	0.001	0.002	0.021	0.000	0.050	0.027	0.062	0.001	0.106	0.035
hsa-miR-146b	no	0.016	0.001	0.077	0.011	0.015	0.003	0.000	0.000	0.002	0.001	0.001
hsa-miR-147b	no	0.011	NA	0.004	0.013	NA	0.011	NA	NA	0.001	0.017	0.009
hsa-miR-148b	no	0.101	0.101	0.168	0.060	0.051	0.066	0.022	0.028	0.211	0.004	0.014
hsa-miR-149	no	0.046	0.012	0.085	0.051	0.046	0.001	0.009	0.015	0.023	0.018	0.007
hsa-miR-150	no	0.004	NA	0.016	NA	NA	0.000	0.000	0.001	0.000	0.002	0.008
hsa-miR-151	no	0.280	NA	0.260	0.264	0.004	0.177	0.294	0.058	0.101	0.099	0.167
hsa-miR-152	no	0.034	0.007	0.043	0.018	0.007	0.085	0.000	0.014	0.023	0.034	0.000
hsa-miR-153	no	0.035	0.041	0.035	0.062	NA	NA	0.003	0.001	NA	NA	0.000
hsa-miR-154	no	0.036	0.037	0.000	0.003	0.005	0.027	0.001	0.008	0.027	0.002	0.002

hsa-miR-155	no	0.015	0.059	0.015	0.013	0.015	0.002	0.009	0.004	0.000	0.038	0.009
hsa-miR-15a	no	0.056	0.070	0.046	0.122	0.011	0.044	0.049	0.005	0.032	0.033	0.056
hsa-miR-181a	no	0.063	0.095	0.002	0.008	0.006	0.008	0.013	0.000	0.076	0.001	0.001
hsa-miR-181b	no	0.016	0.002	0.014	0.015	0.023	0.008	0.011	0.016	0.124	0.010	0.010
hsa-miR-181c	no	0.096	0.035	0.058	0.000	0.001	0.132	0.103	0.032	0.067	0.013	0.000
hsa-miR-181d	no	0.093	0.042	0.224	0.001	0.004	0.163	0.093	0.072	0.045	0.027	0.002
hsa-miR-182	no	0.125	0.000	0.169	0.009	0.014	0.125	0.127	0.119	0.072	0.106	0.059
hsa-miR-183	no	0.120	0.001	0.170	0.000	0.017	0.138	0.120	0.063	0.066	0.091	0.074
hsa-miR-184	no	0.021	0.003	0.004	NA	0.003	0.033	0.012	0.036	0.004	0.010	0.021
hsa-miR-185	no	0.142	0.009	0.314	0.128	0.002	0.097	0.142	0.003	0.179	0.031	0.070
hsa-miR-186	no	0.122	0.119	0.132	0.042	0.131	0.119	0.122	0.076	0.043	0.074	0.062
hsa-miR-187	no	0.028	0.009	0.029	0.000	0.000	0.003	0.008	0.028	0.016	0.030	0.021
hsa-miR-190	no	0.030	0.014	0.012	0.001	0.030	0.072	0.010	0.027	0.000	0.014	0.074
hsa-miR-191	no	0.104	0.011	0.149	0.037	0.111	0.004	0.025	0.000	0.104	0.018	0.009
hsa-miR-192	no	0.021	NA	0.025	0.002	0.000	0.021	0.003	0.008	0.075	NA	0.002
hsa-miR-193a	no	0.036	NA	0.053	0.019	0.029	0.011	0.047	0.005	0.000	0.001	0.009
hsa-miR-193b	no	0.035	NA	0.020	NA	0.040	0.011	0.035	0.034	0.004	0.054	0.002
hsa-miR-194	no	0.014	NA	0.017	0.001	0.000	0.001	0.006	0.004	0.062	0.001	0.003
hsa-miR-195	no	0.061	NA	0.000	NA	0.013	0.023	0.034	0.121	0.148	0.000	0.007
hsa-miR-196a	no	0.010	0.121	0.009	0.004	0.010	0.008	0.009	0.002	0.003	0.004	0.106
hsa-miR-196b	no	0.039	0.004	0.039	0.059	0.017	0.020	0.000	0.000	0.048	0.037	0.029
hsa-miR-197	no	0.073	0.022	0.011	0.061	0.033	0.058	0.073	0.103	0.051	0.026	0.078
hsa-miR-199a	no	0.020	0.009	NA	0.002	0.001	0.005	0.000	0.023	0.000	0.001	0.025
hsa-miR-199b	no	0.007	0.002	0.000	0.007	0.006	0.019	0.000	0.001	0.053	0.000	0.003
hsa-miR-203	no	0.067	0.000	0.068	0.067	0.029	0.140	0.061	0.001	0.046	0.041	0.003
hsa-miR-204	no	0.008	0.001	0.002	0.001	0.250	0.004	0.003	0.002	0.067	0.002	0.008
hsa-miR-205	no	0.011	0.000	0.004	0.001	0.000	0.030	0.019	0.000	0.000	0.011	0.009
hsa-miR-206	no	0.013	0.001	0.013	NA	0.004	NA	0.030	0.024	NA	0.001	NA
hsa-miR-210	no	0.051	0.051	0.156	0.059	0.015	0.001	0.000	0.028	0.026	0.015	0.003
hsa-miR-212	no	0.013	0.006	0.000	0.009	0.006	0.065	0.013	0.008	0.090	0.002	0.006
hsa-miR-214	no	0.014	0.061	0.000	0.010	0.006	0.006	0.000	0.069	0.014	0.000	0.007
hsa-miR-215	no	0.003	0.001	0.007	0.000	0.003	0.001	0.001	0.000	0.000	0.000	0.029
hsa-miR-217	no	0.024	0.031	NA	0.010	0.000	0.048	0.024	0.005	0.000	0.007	0.007
hsa-miR-218	no	0.018	0.000	0.008	0.000	0.018	0.018	0.009	0.001	0.028	0.002	0.008
hsa-miR-219	no	0.021	0.001	NA	NA	NA	0.037	NA	0.010	0.002	0.021	0.104
hsa-miR-23a	no	0.076	0.040	0.302	0.002	0.000	0.228	0.076	0.020	0.035	0.019	0.014
hsa-miR-23b	no	0.098	0.098	0.107	0.072	0.224	0.053	0.042	0.048	0.038	0.057	0.012
hsa-miR-24	no	0.072	0.020	0.072	0.006	0.124	0.004	0.015	0.020	0.073	0.024	0.001
hsa-miR-25	no	0.133	0.099	0.114	0.097	0.102	0.208	0.133	0.158	0.096	0.084	0.091
hsa-miR-26b	no	0.056	0.008	0.114	0.017	0.066	0.056	0.032	0.008	0.031	0.019	0.000
hsa-miR-27b	no	0.065	0.065	0.118	0.013	0.192	0.015	0.046	0.034	0.024	0.025	0.016
hsa-miR-28	no	0.149	NA	0.036	0.072	0.185	0.380	0.149	0.045	0.084	0.117	0.087

hsa-miR-296	no	0.042	NA	0.013	0.060	0.081	0.038	0.018	0.038	0.021	0.003	0.042
hsa-miR-299	no	0.018	0.052	0.000	NA	NA	0.017	0.003	0.003	0.018	0.051	0.008
hsa-miR-31	no	0.107	0.086	0.107	0.000	0.015	0.135	0.011	0.000	0.223	0.097	0.032
hsa-miR-320a	no	0.159	0.126	0.242	0.059	0.090	0.077	0.159	0.104	0.162	0.136	0.072
hsa-miR-320b	no	0.005	NA	NA	0.003	0.001	0.022	0.005	0.000	0.011	0.002	0.004
hsa-miR-323	no	0.034	0.038	0.000	0.005	NA	0.034	0.000	0.000	0.086	0.019	0.017
hsa-miR-324	no	0.052	0.006	0.108	0.024	0.052	0.035	0.052	0.001	0.103	0.021	0.014
hsa-miR-326	no	0.044	0.003	0.044	0.004	0.000	0.000	0.073	0.002	0.047	0.003	0.034
hsa-miR-328	no	0.052	0.009	0.002	0.001	0.055	0.014	0.081	0.024	0.052	0.010	0.043
hsa-miR-330	no	0.042	NA	NA	0.014	0.001	0.020	0.018	0.013	0.060	0.030	0.033
hsa-miR-331	no	0.080	0.017	0.233	0.046	0.080	0.019	0.021	0.021	0.120	0.038	0.020
hsa-miR-335	no	0.068	NA	0.027	0.051	0.017	0.068	0.047	0.011	0.102	0.045	0.076
hsa-miR-337	no	0.014	0.005	0.001	0.006	0.024	0.040	0.002	0.003	0.014	0.007	0.009
hsa-miR-338	no	0.019	NA	0.001	0.002	0.000	0.007	0.022	0.001	0.002	0.007	0.029
hsa-miR-339	no	0.117	0.179	0.117	0.079	0.085	0.082	0.040	0.023	0.054	0.104	0.142
hsa-miR-33a	no	0.062	NA	0.000	0.008	NA	0.085	0.077	0.032	0.032	0.010	0.022
hsa-miR-340	no	0.023	NA	0.021	0.019	0.011	0.005	0.001	0.021	0.003	0.007	0.007
hsa-miR-342	no	0.057	NA	0.124	NA	0.000	0.001	0.069	0.011	0.021	0.029	0.023
hsa-miR-345	no	0.084	0.048	0.084	0.049	0.148	0.072	0.041	0.039	0.022	0.007	0.101
hsa-miR-34a	no	0.049	0.012	0.049	0.035	0.001	0.059	0.024	0.103	0.010	0.000	0.038
hsa-miR-34b	no	0.005	0.004	0.000	NA	NA	0.008	NA	0.005	NA	0.023	0.000
hsa-miR-34c	no	0.013	0.000	0.013	NA	0.002	0.024	0.002	0.005	0.022	0.010	0.000
hsa-miR-365	no	0.023	0.001	0.035	0.007	0.013	0.042	0.023	0.019	0.020	0.015	0.000
hsa-miR-369	no	0.027	0.030	0.001	0.026	0.006	0.018	0.000	0.001	0.027	0.032	0.001
hsa-miR-370	no	0.022	0.004	0.002	0.000	NA	0.025	0.002	0.002	0.032	0.022	0.016
hsa-miR-375	no	0.020	0.001	0.010	0.002	0.020	0.031	0.003	0.022	0.000	0.006	0.007
hsa-miR-376c	no	0.014	NA	0.000	0.010	0.005	0.024	0.001	0.014	0.009	0.023	0.008
hsa-miR-377	no	0.004	0.101	0.000	NA	NA	NA	NA	0.000	0.002	0.001	0.005
hsa-miR-378	no	0.042	0.000	0.141	0.005	0.084	0.011	0.029	0.016	0.035	0.006	0.004
hsa-miR-379	no	0.033	0.048	0.000	0.003	0.010	0.042	0.004	0.009	0.033	0.029	0.004
hsa-miR-381	no	0.034	0.037	0.000	0.021	0.011	0.042	0.000	0.009	0.014	0.034	0.001
hsa-miR-382	no	0.023	0.025	0.000	0.001	0.003	0.021	0.002	0.007	0.048	0.023	0.002
hsa-miR-409	no	0.040	0.062	0.000	0.003	0.002	0.042	0.003	0.002	0.040	0.029	0.007
hsa-miR-410	no	0.045	0.049	0.000	0.013	0.006	0.017	0.003	0.000	0.052	0.045	0.003
hsa-miR-411	no	0.023	0.047	0.000	0.003	NA	0.023	0.000	0.002	0.019	0.039	0.005
hsa-miR-423	no	0.139	NA	0.118	0.047	0.015	0.088	0.218	0.008	0.225	0.044	0.043
hsa-miR-425	no	0.078	0.007	0.001	0.028	NA	0.001	0.013	0.004	0.004	0.004	0.010
hsa-miR-431	no	0.036	NA	0.000	NA	0.012	0.020	0.000	0.001	0.022	0.026	0.015
hsa-miR-432	no	0.037	0.054	0.000	NA	0.010	0.020	0.001	0.006	0.049	0.037	0.009
hsa-miR-433	no	0.015	0.016	0.000	NA	NA	0.015	0.001	0.007	0.021	0.006	0.012
hsa-miR-449a	no	0.026	0.002	0.026	NA	NA	0.002	0.051	0.028	0.003	NA	0.010
hsa-miR-451	no	0.003	0.003	0.003	0.001	0.001	0.001	0.001	0.006	0.001	0.000	0.004

hsa-miR-454	no	0.090	0.028	0.090	0.023	0.008	0.034	0.134	0.036	0.133	0.002	0.047
hsa-miR-455	no	0.133	NA	0.013	0.002	0.276	0.019	0.014	0.112	0.156	0.030	0.033
hsa-miR-483	no	0.013	NA	0.013	0.368	0.005	0.002	0.000	0.002	0.013	0.002	0.003
hsa-miR-484	no	0.061	0.037	0.225	0.004	0.021	0.102	0.027	0.029	0.061	0.022	0.002
hsa-miR-485	no	0.026	0.030	0.000	0.000	0.000	0.026	0.000	0.000	0.032	0.016	0.004
hsa-miR-486	no	0.017	0.000	0.001	0.019	0.014	0.017	0.032	0.001	0.001	0.000	0.000
hsa-miR-487b	no	0.010	0.012	0.000	NA	NA	0.010	0.000	0.003	0.008	0.023	0.004
hsa-miR-491	no	0.115	0.121	0.028	NA	0.035	0.029	0.103	0.036	0.328	0.050	0.115
hsa-miR-493	no	0.025	0.001	0.001	0.000	NA	0.025	0.000	0.000	0.040	0.024	0.004
hsa-miR-494	no	0.004	0.002	0.000	NA	NA	0.026	0.001	0.004	0.004	0.007	NA
hsa-miR-495	no	0.018	0.060	0.000	0.008	0.005	0.018	0.000	0.004	0.013	0.018	0.002
hsa-miR-496	no	0.020	0.020	NA	NA	NA	0.036	0.001	0.003	0.043	0.007	0.001
hsa-miR-497	no	0.073	0.073	0.018	0.001	0.014	0.001	0.065	0.163	0.158	0.000	0.019
hsa-miR-511	no	0.003	0.001	NA	0.000	0.000	0.001	0.018	0.003	0.015	0.003	0.001
hsa-miR-519a	no	0.002	NA	NA	NA	NA	0.006	0.000	0.000	0.010	0.001	0.002
hsa-miR-526b	no	0.002	0.002	0.002	NA	NA	0.000	0.004	NA	0.015	0.000	NA
hsa-miR-539	no	0.009	0.003	0.000	0.016	0.005	0.005	0.001	0.009	0.010	0.003	0.002
hsa-miR-551b	no	0.033	0.013	0.024	0.002	0.011	0.094	0.001	0.033	0.014	0.041	0.007
hsa-miR-574	no	0.043	0.001	0.021	0.004	0.003	0.053	0.001	0.009	0.028	0.067	0.043
hsa-miR-576	no	0.038	0.001	0.003	0.038	0.013	0.004	0.022	0.022	0.052	0.052	0.003
hsa-miR-577	no	0.044	0.021	0.030	0.073	0.006	0.057	0.000	0.028	0.044	0.009	0.003
hsa-miR-582	no	0.046	0.000	0.046	0.049	0.004	0.001	0.008	0.001	0.014	0.075	0.001
hsa-miR-584	no	0.028	0.008	0.013	0.028	0.000	0.002	0.091	0.051	0.022	0.001	0.000
hsa-miR-589	no	0.086	NA	NA	0.004	0.020	0.062	0.006	0.070	0.023	0.003	0.021
hsa-miR-592	no	0.013	0.006	0.013	0.040	0.003	0.000	0.000	0.003	0.004	0.012	0.016
hsa-miR-598	no	0.073	0.010	0.073	0.018	0.095	0.047	0.037	0.001	0.124	0.032	0.017
hsa-miR-615	no	0.010	NA	0.002	NA	0.039	0.004	0.010	0.001	0.000	0.005	0.043
hsa-miR-616	no	0.034	NA	NA	0.019	0.091	0.034	0.014	0.000	NA	0.001	0.078
hsa-miR-625	no	0.096	NA	0.064	0.152	0.004	0.096	0.101	0.000	0.003	0.027	0.049
hsa-miR-627	no	0.038	0.038	0.090	0.005	NA	0.000	NA	0.003	0.045	0.018	0.010
hsa-miR-628	no	0.026	0.026	0.016	0.034	0.019	0.000	0.002	0.052	0.000	0.001	0.011
hsa-miR-629	no	0.041	0.000	0.039	0.052	0.003	0.049	0.008	0.014	0.007	0.041	0.021
hsa-miR-653	no	0.045	0.010	NA	0.005	0.008	0.156	0.000	0.045	0.068	0.031	0.004
hsa-miR-654	no	0.027	NA	0.001	NA	NA	NA	0.000	0.007	0.036	0.024	0.003
hsa-miR-655	no	0.014	0.001	NA	NA	NA	0.047	0.000	0.014	0.007	0.023	0.012
hsa-miR-671	no	0.069	0.003	0.000	0.000	0.035	0.094	0.040	0.001	0.020	0.042	0.028
hsa-miR-7	no	0.055	NA	0.027	0.055	0.043	0.046	0.046	0.052	0.069	0.067	0.012
hsa-miR-708	no	0.035	NA	0.126	0.007	0.015	0.004	0.025	0.028	0.000	0.099	0.011
hsa-miR-744	no	0.126	NA	0.002	0.066	0.028	0.053	0.055	0.039	0.079	0.000	0.003
hsa-miR-758	no	0.037	0.056	0.003	0.002	0.001	0.037	0.001	0.000	0.056	0.022	0.010
hsa-miR-760	no	0.022	NA	0.003	NA	NA	0.001	0.056	0.022	0.039	0.013	0.012
hsa-miR-769	no	0.094	0.001	0.144	NA	NA	0.056	NA	0.002	0.047	NA	0.013

hsa-miR-874	no	0.009	NA	0.015	0.000	0.006	0.009	0.003	0.021	0.003	0.001	0.001
hsa-miR-877	no	0.073	NA	0.016	NA	NA	0.025	NA	0.052	0.073	0.102	0.092
hsa-miR-887	no	0.005	NA	0.001	NA	0.005	0.132	0.009	0.000	0.000	0.002	0.002
hsa-miR-889	no	0.029	NA	0.005	0.000	0.003	0.035	0.001	0.005	0.036	0.029	0.002
hsa-miR-9	no	0.028	0.001	0.024	NA	0.018	0.035	0.011	0.030	0.024	0.028	0.026
hsa-miR-92b	no	0.069	0.016	0.056	0.022	0.058	0.042	0.132	0.069	0.202	0.013	0.064
hsa-miR-940	no	0.021	NA	0.000	0.035	NA	0.019	0.010	0.000	0.000	0.030	0.021
hsa-miR-95	no	0.022	0.026	0.044	0.009	0.014	0.020	0.009	0.020	0.022	0.002	0.000
hsa-miR-96	no	0.123	0.002	0.168	0.009	0.027	0.137	0.111	0.062	0.086	0.123	0.111
hsa-miR-99a	no	0.035	NA	0.040	NA	0.009	0.045	0.018	0.002	0.002	0.030	0.018
hsa-miR-99b	no	0.141	0.188	0.141	0.001	0.005	0.115	0.053	0.015	0.173	0.011	0.003
hsa-let7a	no	0.046	NA	0.011	0.037	0.043	0.004	0.018	0.061	0.011	0.032	0.009
hsa-let7c	no	0.043	0.011	0.059	0.000	0.000	0.073	0.005	0.010	0.000	0.043	0.010
hsa-let7d	no	0.042	0.001	0.038	0.027	0.065	0.028	0.015	0.001	0.025	0.075	0.020
hsa-let7e	no	0.077	NA	0.098	0.000	0.000	0.077	0.061	0.007	0.105	0.003	0.000
hsa-let7f	no	0.092	NA	0.006	0.064	0.105	0.065	0.044	0.093	0.007	0.070	0.092
hsa-let7g	no	0.078	NA	0.001	0.002	0.014	0.007	0.004	0.023	0.033	0.003	0.000
hsa-let7i	no	0.045	0.059	0.026	0.002	0.119	0.000	0.005	0.003	0.045	0.013	0.016

miRNA	miRNA in pan-cancer network	3rd highest R2 across cancer types	Cancer Types (R2 for correlation of DNA promoter methylation levels and miRNA expression across tumor samples)										
			GBM	OVA	CRC	KIRC	LUSC	BRCA	UCEC	BLCA	HNSC	LUAD	
hsa-miR-106b	yes	0.0685	NA	0.018	0.017	0.038	0.010	0.071	0.034	0.008	0.033	0.036	
hsa-miR-130a	yes	0.0992	0.012	NA	NA	NA	0.001	NA	0.136	0.183	0.070	0.099	
hsa-miR-130b	yes	0.1433	0.045	0.007	0.000	0.011	0.143	0.035	0.060	0.333	0.167	0.101	
hsa-miR-135b	yes	0.3333	0.005	NA	NA	0.011	0.153	0.006	0.274	0.482	0.350	0.333	
hsa-miR-141	yes	0.2959	NA	0.000	0.006	0.012	0.182	0.001	0.105	0.684	0.369	0.275	
hsa-miR-142	yes	0.2953	0.009	NA	NA	NA	0.053	NA	0.242	0.296	0.173	0.179	
hsa-miR-148a	yes	0.0793	0.016	NA	NA	NA	0.079	NA	0.113	0.085	0.042	0.028	
hsa-miR-15b	yes	0.1149	0.036	0.001	0.002	0.036	0.083	0.040	0.127	0.136	0.115	0.080	
hsa-miR-16	yes	0.1114	0.027	0.001	0.000	0.054	0.187	0.095	0.028	0.057	0.076	0.090	
hsa-miR-17	yes	0.1337	0.028	NA	NA	NA	0.134	NA	0.068	0.165	0.190	0.048	
hsa-miR-18a	yes	0.1286	0.016	NA	NA	NA	0.141	NA	0.047	0.129	0.163	0.059	
hsa-miR-19a	yes	0.0895	0.035	NA	NA	NA	0.090	NA	0.067	0.202	0.187	0.047	
hsa-miR-19b	yes	0.105	0.053	NA	NA	NA	0.053	NA	0.078	0.152	0.191	0.069	
hsa-miR-200a	yes	0.2634	0.004	NA	NA	0.003	0.195	0.149	0.124	0.489	0.322	0.263	
hsa-miR-200b	yes	0.2975	NA	NA	NA	0.004	0.198	0.140	0.059	0.477	0.358	0.297	
hsa-miR-200c	yes	0.2925	0.009	0.000	0.002	0.002	0.211	0.005	0.293	0.664	0.317	0.279	
hsa-miR-20a	yes	0.0893	NA	NA	NA	NA	0.126	NA	0.032	0.073	0.098	0.030	
hsa-miR-21	yes	0.0289	0.013	0.002	0.008	0.009	0.004	0.000	0.042	0.083	0.000	0.005	
hsa-miR-22	yes	0.0241	0.013	NA	NA	0.001	0.051	0.001	0.006	0.031	0.016	0.005	
hsa-miR-26a	yes	0.0599	NA	0.016	0.001	0.060	0.123	0.082	0.027	NA	0.001	0.002	
hsa-miR-27a	yes	0.0434	NA	NA	NA	0.000	0.029	0.014	0.004	0.172	0.037	0.027	
hsa-miR-29a	yes	0.0032	NA	NA	NA	0.001	NA	0.013	NA	NA	NA	NA	
hsa-miR-29b	yes	0.088	NA	NA	NA	0.013	NA	0.016	NA	NA	NA	NA	
hsa-miR-29c	yes	0.069	NA	0.024	0.000	0.002	0.023	0.003	0.007	0.317	0.053	0.072	
hsa-miR-301a	yes	0.0777	0.011	NA	NA	0.016	0.090	0.057	0.120	0.078	0.008	0.034	
hsa-miR-301b	yes	0.1043	NA	0.013	NA	NA	0.103	NA	0.104	0.201	0.086	0.116	
hsa-miR-30a	yes	0.0322	0.000	NA	NA	0.000	0.018	0.044	0.035	0.001	0.032	0.031	
hsa-miR-30b	yes	0.0654	NA	NA	NA	0.008	0.065	0.021	0.044	0.281	0.006	0.183	
hsa-miR-30c	yes	0.0687	0.028	0.000	0.033	0.024	0.069	0.022	0.088	0.152	0.044	0.026	
hsa-miR-30d	yes	0.0656	NA	NA	NA	0.008	0.038	0.029	0.050	0.221	0.041	0.161	
hsa-miR-30e	yes	0.077	0.004	0.004	0.000	0.065	0.071	0.069	0.013	0.056	0.001	0.008	

hsa-miR-32	yes	0.0726	0.003	NA	NA	0.073	0.076	0.037	0.020	0.102	0.021	0.013
hsa-miR-33b	yes	0.1262	NA	0.141	0.008	0.066	0.126	0.120	0.098	0.189	0.052	0.059
hsa-miR-429	yes	0.2127	0.009	NA	NA	0.015	0.208	0.103	0.182	0.446	0.334	0.213
hsa-miR-590	yes	0.0732	NA	NA	0.000	0.050	0.067	0.052	0.005	0.137	0.041	0.006
hsa-miR-92a	yes	0.0723	0.004	NA	NA	NA	0.072	NA	0.049	0.188	0.144	0.043
hsa-miR-93	yes	0.0752	NA	0.020	0.028	0.002	0.108	0.060	0.075	0.082	0.072	0.042
hsa-let7b	yes	0.1107	NA	NA	NA	NA	0.052	NA	0.183	0.285	0.038	0.111
hsa-miR-1	no	0.0188	0.025	NA	NA	0.014	0.007	0.017	0.008	0.042	0.007	0.019
hsa-miR-100	no	0.0075	0.001	NA	NA	0.004	0.006	0.000	0.019	0.000	0.008	0.014
hsa-miR-101	no	0.0266	NA	NA	NA	NA	0.124	NA	0.027	0.115	0.018	0.006
hsa-miR-107	no	0.0569	0.018	0.017	0.002	0.019	0.060	0.008	0.057	0.076	0.013	0.005
hsa-miR-10a	no	0.2529	0.006	0.021	0.253	0.206	0.097	0.226	0.287	0.387	0.219	0.210
hsa-miR-10b	no	0.1128	NA	0.076	0.007	0.004	0.043	0.002	0.135	0.097	0.113	0.126
hsa-miR-1247	no	0.1449	NA	NA	NA	NA	0.047	NA	0.065	0.145	0.176	0.172
hsa-miR-125a	no	0.0462	NA	NA	NA	NA	0.049	NA	0.012	0.002	0.080	0.046
hsa-miR-125b	no	0.082	0.006	0.016	0.000	0.013	0.063	0.038	0.143	0.082	0.130	0.011
hsa-miR-126	no	0.0736	0.002	0.011	0.018	0.091	0.101	0.008	0.016	0.074	0.006	0.010
hsa-miR-127	no	0.01	0.001	NA	NA	0.010	0.000	0.000	0.001	0.006	0.013	0.010
hsa-miR-128	no	0.0867	0.017	0.002	0.014	0.020	0.231	0.045	0.037	0.112	0.087	0.072
hsa-miR-129	no	0.0509	0.024	NA	NA	0.002	0.051	0.015	0.012	0.090	0.098	0.031
hsa-miR-132	no	0.0534	NA	NA	NA	NA	0.106	NA	0.030	0.056	0.002	0.008
hsa-miR-133a	no	0.0317	0.032	NA	NA	0.023	0.004	0.012	0.005	0.044	0.010	0.046
hsa-miR-133b	no	0.0035	0.003	NA	NA	NA	NA	NA	0.004	0.005	0.004	0.002
hsa-miR-134	no	0.0146	0.004	NA	NA	0.073	0.000	0.018	0.002	0.000	0.015	0.005
hsa-miR-135a	no	0.0355	0.000	NA	NA	0.003	0.036	0.034	0.075	0.056	NA	0.015
hsa-miR-136	no	0.0053	0.000	NA	NA	0.007	0.000	0.005	0.002	0.003	0.015	0.000
hsa-miR-137	no	0.0555	0.007	NA	NA	NA	0.027	NA	NA	0.056	0.101	0.068
hsa-miR-138	no	0.0271	0.027	NA	NA	NA	0.007	NA	NA	0.071	0.049	0.005
hsa-miR-139	no	0.0303	0.013	0.031	NA	0.120	0.000	0.012	0.030	0.003	0.010	0.009
hsa-miR-140	no	0.1032	0.031	0.008	0.017	0.087	0.003	0.174	0.077	0.131	0.000	0.004
hsa-miR-143	no	0.0737	0.002	NA	NA	0.035	0.070	0.006	0.176	0.006	0.033	0.019
hsa-miR-144	no	0.0205	NA	NA	NA	0.016	0.006	0.000	0.014	0.030	0.006	0.009
hsa-miR-145	no	0.0505	NA	NA	NA	0.076	0.040	0.045	0.140	0.035	0.051	0.027
hsa-miR-146a	no	0.0521	0.009	NA	NA	NA	0.028	NA	0.116	0.052	0.027	0.146
hsa-miR-146b	no	0.0802	0.007	NA	NA	0.006	0.080	0.000	0.098	0.039	0.012	0.141
hsa-miR-147b	no	0.0614	NA	0.001	0.015	NA	0.072	NA	NA	0.061	0.031	0.096
hsa-miR-148b	no	0.0374	0.022	0.014	0.002	0.004	0.156	0.011	0.038	0.037	0.013	0.030
hsa-miR-149	no	0.2791	0.007	0.000	0.006	0.132	0.279	0.298	0.131	0.194	0.317	0.053
hsa-miR-150	no	0.0491	NA	0.000	NA	NA	0.016	0.006	0.031	0.049	0.306	0.088
hsa-miR-151	no	0.0786	NA	0.002	0.036	0.029	0.035	0.086	0.065	0.168	0.041	0.079
hsa-miR-152	no	0.0502	0.035	NA	NA	0.059	0.025	0.022	0.037	0.024	0.114	0.050
hsa-miR-153	no	0.0301	0.006	0.003	0.000	NA	NA	0.089	0.030	NA	NA	0.123

hsa-miR-154	no	0.0223	0.001	NA	NA	0.052	0.000	0.022	0.000	0.000	0.025	0.007
hsa-miR-155	no	0.1051	0.040	NA	NA	NA	0.107	NA	0.024	0.105	0.091	0.132
hsa-miR-15a	no	0.0801	0.004	NA	NA	0.005	0.080	0.001	0.053	0.223	0.118	0.023
hsa-miR-181a	no	0.0684	0.017	NA	NA	0.000	0.004	0.006	0.000	0.026	0.070	0.013
hsa-miR-181b	no	0.0948	0.014	0.021	0.001	0.019	0.026	0.015	0.095	0.115	0.120	0.079
hsa-miR-181c	no	0.0676	0.034	0.014	0.022	0.022	0.024	0.019	0.131	0.028	0.006	0.142
hsa-miR-181d	no	0.0531	0.007	0.000	0.021	0.012	0.020	0.010	0.135	0.021	0.053	0.210
hsa-miR-182	no	0.0572	0.006	NA	NA	NA	0.057	NA	0.026	0.083	0.068	0.042
hsa-miR-183	no	0.0781	0.006	NA	NA	NA	0.091	NA	0.032	0.102	0.078	0.044
hsa-miR-184	no	0.0022	0.001	NA	NA	NA	0.002	NA	0.000	0.018	0.050	0.001
hsa-miR-185	no	0.0536	0.022	0.000	0.051	0.042	0.021	0.033	0.098	0.096	0.054	0.032
hsa-miR-186	no	0.0578	0.015	0.012	0.015	0.017	0.093	0.019	0.058	0.006	0.071	0.029
hsa-miR-187	no	0.1782	0.003	NA	NA	NA	0.136	NA	0.178	0.505	0.283	0.127
hsa-miR-190	no	0.0533	0.044	0.001	0.026	0.059	0.053	0.026	0.014	0.085	0.011	0.029
hsa-miR-191	no	0.0921	0.005	0.007	0.002	0.025	0.092	0.049	0.102	0.306	0.057	0.026
hsa-miR-192	no	0.1233	NA	0.000	0.002	0.013	0.016	0.007	0.266	0.098	NA	0.501
hsa-miR-193a	no	0.2152	NA	NA	NA	NA	0.030	NA	0.099	0.315	0.153	0.223
hsa-miR-193b	no	0.262	NA	NA	NA	NA	0.032	NA	0.008	0.251	0.361	0.238
hsa-miR-194	no	0.1321	NA	0.008	0.051	0.019	0.006	0.006	0.235	0.119	0.028	0.556
hsa-miR-195	no	0.0896	NA	0.001	NA	0.012	0.020	0.021	0.331	0.088	0.096	0.061
hsa-miR-196a	no	0.2011	0.022	0.009	0.062	0.059	0.129	0.055	0.137	0.201	0.341	0.300
hsa-miR-196b	no	0.1525	0.039	0.000	0.151	0.253	0.070	0.102	0.153	0.291	0.064	0.124
hsa-miR-197	no	0.005	0.003	NA	NA	NA	0.044	NA	0.057	0.002	0.002	0.005
hsa-miR-199a	no	0.1903	0.057	NA	0.007	0.009	0.018	0.019	0.179	0.401	0.234	0.152
hsa-miR-199b	no	0.0752	0.036	NA	NA	0.012	0.232	0.003	0.015	0.083	0.041	0.075
hsa-miR-203	no	0.0504	0.004	NA	NA	0.014	0.050	0.038	0.021	0.173	0.035	0.129
hsa-miR-204	no	0.0693	0.005	0.001	0.046	0.204	0.069	0.016	0.006	0.007	0.073	0.064
hsa-miR-205	no	0.2696	0.000	NA	NA	NA	0.386	NA	0.270	0.656	0.180	0.252
hsa-miR-206	no	0.0002	0.000	NA	NA	NA	NA	NA	0.012	NA	0.008	NA
hsa-miR-210	no	0.1277	0.022	0.016	0.033	0.128	0.175	0.030	0.034	0.233	0.122	0.059
hsa-miR-212	no	0.0383	0.025	NA	NA	0.000	0.014	0.002	0.038	0.212	0.038	0.050
hsa-miR-214	no	0.1034	0.112	NA	NA	0.032	0.000	0.007	0.109	0.103	0.021	0.002
hsa-miR-215	no	0.0129	0.002	NA	NA	0.013	0.042	0.003	0.012	0.031	0.000	0.004
hsa-miR-217	no	0.0045	0.006	NA	NA	NA	0.001	NA	0.005	0.000	0.016	0.004
hsa-miR-218	no	0.0861	0.030	0.037	0.079	0.086	0.086	0.024	0.091	0.098	0.075	0.061
hsa-miR-219	no	0.0905	0.010	NA	NA	NA	0.091	NA	0.052	0.245	0.255	0.069
hsa-miR-23a	no	0.055	0.004	NA	NA	0.002	0.061	0.011	0.050	0.421	0.055	0.052
hsa-miR-23b	no	0.1528	0.022	0.000	0.003	0.137	0.093	0.153	0.052	0.202	0.167	0.038
hsa-miR-24	no	0.098	0.034	0.014	0.004	0.090	0.088	0.061	0.045	0.001	0.041	0.052
hsa-miR-25	no	0.0505	0.015	0.002	0.005	0.029	0.050	0.066	0.031	0.183	0.051	0.040
hsa-miR-26b	no	0.0351	0.006	0.000	0.083	0.027	0.028	0.028	0.023	0.082	0.021	0.026
hsa-miR-27b	no	0.1296	0.022	0.000	0.056	0.128	0.040	0.130	0.067	0.292	0.158	0.038

hsa-miR-28	no	0.0799	NA	0.006	0.061	0.068	0.111	0.080	0.053	0.175	0.056	0.055
hsa-miR-296	no	0.1383	NA	NA	NA	0.001	0.054	0.002	0.166	0.194	0.138	0.095
hsa-miR-299	no	0.0032	0.001	NA	NA	NA	0.000	0.005	0.002	0.000	0.003	0.012
hsa-miR-31	no	0.2514	0.000	NA	NA	NA	0.116	NA	0.031	0.372	0.308	0.231
hsa-miR-320a	no	0.0284	0.034	NA	NA	NA	0.019	NA	0.028	0.108	0.024	0.022
hsa-miR-320b	no	0.0156	NA	NA	NA	NA	0.014	NA	0.016	0.052	0.018	0.002
hsa-miR-323	no	0.0079	0.008	NA	NA	NA	0.000	0.015	0.012	0.000	0.008	0.004
hsa-miR-324	no	0.0687	0.019	0.005	0.025	0.001	0.025	0.081	0.051	0.131	0.040	0.017
hsa-miR-326	no	0.0501	0.002	NA	NA	0.032	0.024	0.045	0.041	0.246	0.050	0.107
hsa-miR-328	no	0.0665	0.004	0.032	0.067	0.044	0.106	0.038	0.214	0.060	0.061	0.043
hsa-miR-330	no	0.0298	NA	NA	0.001	0.020	0.013	0.061	0.022	0.067	0.021	0.028
hsa-miR-331	no	0.0238	0.001	NA	NA	NA	0.074	NA	0.001	0.046	0.024	0.002
hsa-miR-335	no	0.1557	NA	0.047	0.156	0.116	0.132	0.092	0.086	0.247	0.236	0.108
hsa-miR-337	no	0.0105	0.000	NA	NA	0.011	0.000	0.002	0.012	0.001	0.019	0.000
hsa-miR-338	no	0.1265	NA	0.002	0.028	0.015	0.039	0.094	0.101	0.025	0.009	0.310
hsa-miR-339	no	0.0775	0.022	0.016	0.067	0.041	0.055	0.065	0.040	0.208	0.101	0.078
hsa-miR-33a	no	0.0793	NA	0.023	0.008	NA	0.039	0.030	0.018	0.167	0.049	0.051
hsa-miR-340	no	0.0525	NA	0.001	0.019	0.014	0.057	0.053	0.081	0.018	0.048	0.046
hsa-miR-342	no	0.1514	NA	0.000	NA	0.122	0.020	0.051	0.052	0.039	0.178	0.045
hsa-miR-345	no	0.0941	0.010	NA	NA	0.000	0.094	0.020	0.015	0.173	0.131	0.071
hsa-miR-34a	no	0.0587	0.012	NA	NA	0.029	0.059	0.004	0.074	0.265	0.035	0.035
hsa-miR-34b	no	0.0234	0.015	NA	NA	NA	0.067	NA	0.023	NA	0.199	0.018
hsa-miR-34c	no	0.094	0.006	NA	NA	NA	0.094	NA	0.047	0.127	0.244	0.017
hsa-miR-365	no	0.1643	0.002	NA	NA	0.054	0.114	0.002	0.082	0.164	0.274	0.169
hsa-miR-369	no	0.0261	0.001	NA	NA	0.041	0.000	0.032	0.001	0.000	0.026	0.003
hsa-miR-370	no	0.0069	0.000	NA	NA	NA	0.005	0.010	0.000	0.000	0.032	0.007
hsa-miR-375	no	0.0355	0.001	NA	NA	0.015	0.023	0.000	0.046	0.036	0.025	0.110
hsa-miR-376c	no	0.008	NA	NA	NA	NA	0.002	NA	0.008	0.022	0.001	0.015
hsa-miR-377	no	0.0127	0.001	NA	NA	NA	NA	NA	0.005	0.000	0.011	0.002
hsa-miR-378	no	0.048	0.037	0.017	0.014	0.019	0.034	0.013	0.008	0.128	0.012	0.009
hsa-miR-379	no	0.018	0.001	NA	NA	0.067	0.000	0.022	0.003	0.001	0.018	0.014
hsa-miR-381	no	0.0242	0.000	NA	NA	0.057	0.002	0.024	0.000	0.001	0.036	0.011
hsa-miR-382	no	0.0169	0.003	NA	NA	0.044	0.000	0.024	0.003	0.000	0.017	0.008
hsa-miR-409	no	0.0169	0.006	NA	NA	0.056	0.001	0.021	0.000	0.010	0.014	0.009
hsa-miR-410	no	0.0121	0.009	NA	NA	0.030	0.000	0.012	0.003	0.001	0.017	0.010
hsa-miR-411	no	0.0068	0.007	NA	NA	NA	0.001	0.002	0.000	0.001	0.022	0.004
hsa-miR-423	no	0.1007	NA	0.001	0.006	0.078	0.000	0.060	0.017	0.111	0.054	0.002
hsa-miR-425	no	0.0889	0.005	0.001	0.004	NA	0.036	0.085	0.012	0.294	0.089	0.131
hsa-miR-431	no	0.0065	NA	NA	NA	0.013	0.002	0.001	0.001	0.012	0.003	0.007
hsa-miR-432	no	0.0067	0.001	NA	NA	0.021	0.000	0.002	0.007	0.004	0.003	0.007
hsa-miR-433	no	0.0018	0.002	NA	NA	NA	0.001	0.000	0.000	0.006	0.018	0.001
hsa-miR-449a	no	0.0211	0.002	0.006	NA	NA	0.011	0.009	0.049	0.100	NA	0.021

hsa-miR-451	no	0.0174	0.006	NA	NA	0.013	0.018	0.001	0.017	0.120	0.002	0.015
hsa-miR-454	no	0.0749	0.026	NA	NA	0.031	0.075	0.040	0.161	0.112	0.034	0.027
hsa-miR-455	no	0.145	NA	0.001	0.041	0.074	0.023	0.145	0.022	0.190	0.216	0.034
hsa-miR-483	no	0.0931	NA	0.002	0.036	0.093	0.025	0.023	0.123	0.155	0.021	0.069
hsa-miR-484	no	0.0633	0.018	0.000	0.000	0.030	0.074	0.036	0.063	0.141	0.052	0.036
hsa-miR-485	no	0.0116	0.002	NA	NA	0.042	0.005	0.012	0.000	0.010	0.014	0.003
hsa-miR-486	no	0.0278	0.025	0.005	0.001	0.045	0.011	0.013	0.028	0.063	0.017	0.027
hsa-miR-487b	no	0.0046	0.004	NA	NA	NA	0.000	0.017	0.000	0.004	0.037	0.005
hsa-miR-491	no	0.0168	0.008	NA	NA	0.003	0.064	0.009	0.012	0.011	0.027	0.017
hsa-miR-493	no	0.0068	0.000	NA	NA	NA	0.001	0.002	0.005	0.002	0.000	0.021
hsa-miR-494	no	0.0025	0.000	NA	NA	NA	0.002	0.003	0.001	0.020	0.010	NA
hsa-miR-495	no	0.0061	0.000	NA	NA	0.036	0.000	0.004	0.005	0.006	0.020	0.001
hsa-miR-496	no	0.0106	0.015	NA	NA	NA	0.001	0.005	0.000	0.002	0.017	0.011
hsa-miR-497	no	0.1081	0.023	0.001	0.000	0.008	0.074	0.031	0.346	0.108	0.108	0.127
hsa-miR-511	no	0.0119	0.015	NA	NA	0.001	0.012	0.009	0.003	0.001	0.012	0.003
hsa-miR-519a	no	0.0034	NA	NA	NA	NA	0.001	NA	0.003	0.036	0.003	0.006
hsa-miR-526b	no	0.0003	0.002	NA	NA	NA	0.000	NA	NA	0.013	0.000	NA
hsa-miR-539	no	0.0091	0.009	NA	NA	0.049	0.002	0.013	0.000	0.009	0.004	0.003
hsa-miR-551b	no	0.0173	0.005	NA	NA	NA	0.001	NA	0.034	0.010	0.017	0.029
hsa-miR-574	no	0.0584	0.009	0.058	0.009	0.020	0.035	0.094	0.023	0.047	0.063	0.037
hsa-miR-576	no	0.0213	0.011	0.021	0.017	0.018	0.099	0.003	0.021	0.084	0.014	0.010
hsa-miR-577	no	0.1568	0.015	0.000	0.084	0.053	0.172	0.164	0.078	0.100	0.157	0.121
hsa-miR-582	no	0.1003	0.018	0.003	0.003	0.108	0.054	0.043	0.051	0.166	0.071	0.090
hsa-miR-584	no	0.2579	0.004	0.000	0.281	0.043	0.126	0.215	0.029	0.258	0.311	0.088
hsa-miR-589	no	0.056	NA	NA	NA	0.001	0.080	0.060	0.018	0.007	0.033	0.056
hsa-miR-592	no	0.1114	0.015	0.051	0.278	0.126	0.023	0.014	0.111	0.045	0.057	0.011
hsa-miR-598	no	0.2488	0.008	NA	NA	0.198	0.072	0.137	0.277	0.249	0.192	0.317
hsa-miR-615	no	0.1722	NA	0.033	NA	0.020	0.172	0.055	0.086	0.199	0.080	0.258
hsa-miR-616	no	0.0355	NA	NA	0.055	0.030	0.245	0.036	0.013	NA	0.004	0.028
hsa-miR-625	no	0.0949	NA	0.042	0.019	0.108	0.027	0.095	0.140	0.002	0.017	0.075
hsa-miR-627	no	0.0269	0.011	0.004	0.021	NA	0.036	NA	0.011	0.037	0.027	0.019
hsa-miR-628	no	0.1111	0.046	0.000	0.028	0.038	0.180	0.049	0.118	0.111	0.006	0.005
hsa-miR-629	no	0.0443	0.012	0.068	0.038	0.027	0.009	0.035	0.044	0.131	0.042	0.024
hsa-miR-653	no	0.0578	0.004	NA	0.006	0.039	0.015	0.034	0.058	0.116	0.039	0.065
hsa-miR-654	no	0.022	NA	NA	NA	NA	NA	0.006	0.001	0.000	0.009	0.004
hsa-miR-655	no	0.0091	0.009	NA	NA	NA	0.001	0.009	0.000	0.000	0.012	0.009
hsa-miR-671	no	0.0725	0.001	NA	NA	0.073	0.113	0.038	0.028	0.094	0.016	0.019
hsa-miR-7	no	0.0405	NA	0.003	0.013	0.026	0.026	0.024	0.017	0.113	0.048	0.041
hsa-miR-708	no	0.1196	NA	NA	NA	0.112	0.118	0.044	0.282	0.058	0.181	0.028
hsa-miR-744	no	0.1048	NA	0.013	0.059	0.009	0.129	0.036	0.105	0.217	0.097	0.003
hsa-miR-758	no	0.017	0.000	NA	NA	0.061	0.004	0.021	0.001	0.000	0.016	0.017
hsa-miR-760	no	0.0224	NA	NA	NA	NA	0.026	NA	0.022	0.035	0.001	0.016

hsa-miR-769	no	0.0458	0.009	NA	NA	NA	0.119	NA	0.023	0.044	NA	0.032
hsa-miR-874	no	0.067	NA	NA	NA	0.036	0.017	0.032	0.076	0.097	0.067	0.025
hsa-miR-877	no	0.0587	NA	0.000	NA	NA	0.070	NA	0.059	0.096	0.018	0.044
hsa-miR-887	no	0.0476	NA	NA	NA	0.046	0.022	0.008	0.048	0.053	0.054	0.042
hsa-miR-889	no	0.0154	NA	NA	NA	0.054	0.000	0.015	0.004	0.003	0.016	0.009
hsa-miR-9	no	0.1454	0.106	0.044	NA	0.040	0.055	0.057	0.360	0.058	0.183	0.145
hsa-miR-92b	no	0.0896	0.004	NA	NA	0.011	0.034	0.018	0.090	0.193	0.090	0.053
hsa-miR-940	no	0.0598	NA	NA	NA	NA	0.126	NA	0.011	0.256	0.060	0.012
hsa-miR-95	no	0.0604	0.038	NA	NA	0.026	0.060	0.038	0.066	0.025	0.024	0.094
hsa-miR-96	no	0.083	0.001	NA	NA	NA	0.193	NA	0.061	0.192	0.083	0.044
hsa-miR-99a	no	0.0297	NA	0.016	NA	0.005	0.147	0.030	0.018	0.001	0.258	0.004
hsa-miR-99b	no	0.0554	0.001	NA	NA	NA	0.066	NA	0.007	0.159	0.046	0.019
hsa-let7a	no	0.0621	NA	NA	NA	0.005	0.031	0.005	0.078	0.016	0.072	0.029
hsa-let7c	no	0.0266	0.019	0.006	0.005	0.020	0.124	0.027	0.015	0.011	0.184	0.017
hsa-let7d	no	0.0132	0.001	NA	NA	0.001	0.155	0.025	0.003	0.008	0.013	0.008
hsa-let7e	no	0.0708	NA	NA	NA	NA	0.065	NA	0.119	0.179	0.071	0.016
hsa-let7f	no	0.0244	NA	NA	NA	0.012	0.004	0.008	0.001	0.051	0.000	0.006
hsa-let7g	no	0.1185	NA	NA	NA	0.031	0.235	0.003	0.173	0.119	0.033	0.093
hsa-let7i	no	0.0394	0.015	NA	NA	NA	0.058	NA	0.025	0.284	0.036	0.039