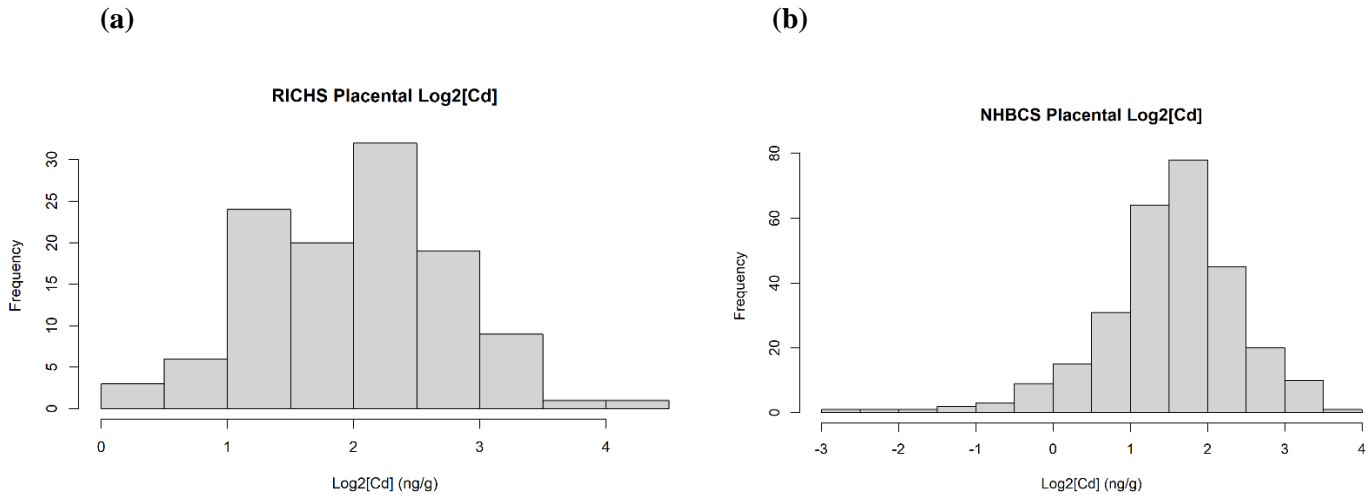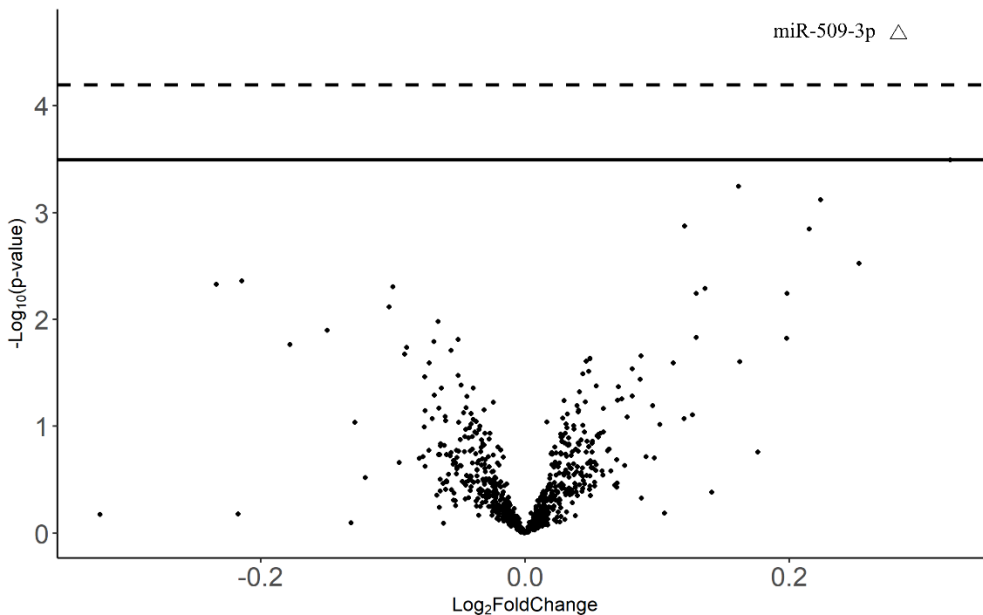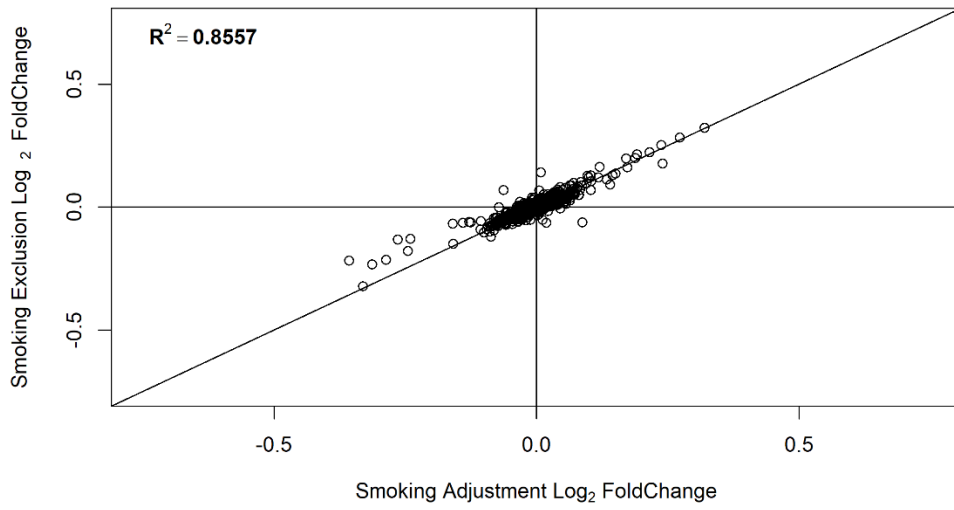**SUPPLEMENTAL FIGURES AND TABLES**

(a)

(b)

Figure S1 – Log2 transformed placental Cd in RICHS and NHBCS
Histogram depicting each individual cohort's distribution of log2 transformed placental cadmium concentrations. **(a)** RICHS exhibits a mean concentration of 4.39 ng/g with a standard deviation of 2.52 ng/g. **(b)** NHBCS exhibits a mean concentration of 2.93 ng/g with a standard deviation of 1.99 ng/g.

Figure S2: Placental miRNA associates with placental cadmium concentrations in a population excluding self-reported smokers. Volcano plot representing the results of the NHBCS differential expression analysis while excluding mothers who self-reported to smoking during any point of their pregnancy. The y-axis shows the $-\log_{10}$(p-values) in the association of each miRNA with $\log_2$-transformed placental cadmium concentrations. The x-axis displays the effect estimates in units of $\log_2$ fold change in each miRNA's transcript abundance per doubling of placental cadmium. 1 miRNA is significantly (FDR <0.1) associated with placental cadmium accumulation and remains significant following Bonferroni correction (p-value < 6.23e-05).

(a)

(b)

(c)

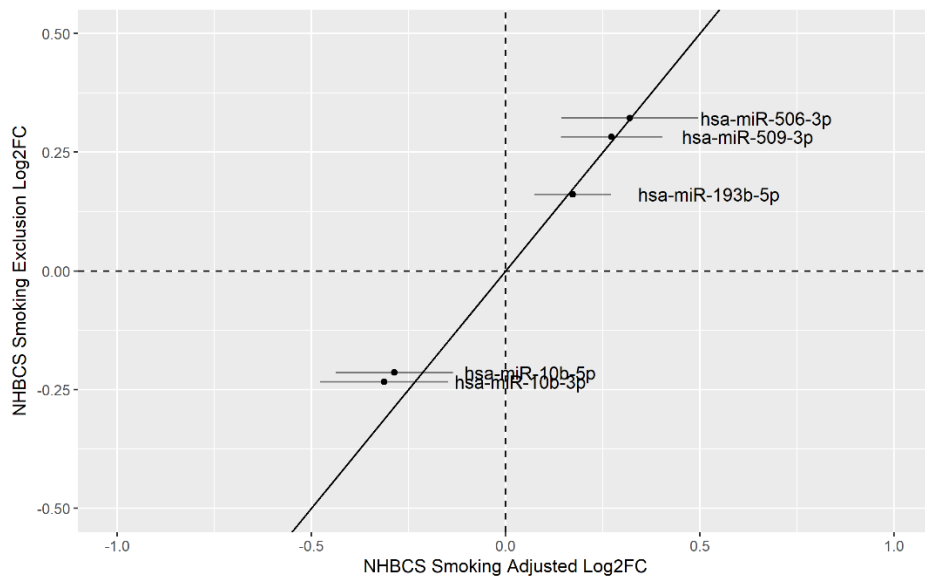**Figure S3: Effect size estimates of placental miRNAs are highly robust on a transcriptome-wide scale to the exclusion of self-reported smokers. (a)** Scatter plot displaying the coefficient of determination (R^2) to emphasize the relationship between the estimates produced by the original NHBCS model, which adjusts for maternal smoking, and one which excludes self-reported smokers. **(b)** Forest plot representing all miRNA effect size estimates compared between the original NHBCS model (x-axis), and the self-reported smoker exclusionary model (y-axis). Error bars represent the estimated 95% confidence interval from the NHBCS original model. **(c)** Forest plot representing only miRNAs found to be differentially expressed with respect to gestational Cd in the NHBCS original model, comparing effect sizes between the original NHBCS model (x-axis) and the self-reported smoker exclusionary model (y-axis). Error bars represent the estimated 95% confidence interval from the NHBCS original model.

Figure S4: Z-transformed NNNS metrics in RICHS.

Histogram depicting the distribution of z-transformed NNNS metrics that are highly variable across atypical vs neuro-typical profiles in RICHS infants (n=114): **(a)** Arousal **(b)** Quality of movement **(c)** Stress abstinence, **(d)** Excitability **(e)** Self-Regulation.

Table S8: Simple linear regression of summary scores of NNNS metrics and Cd-associated miRNA transcript abundances; effect sizes ± 95% CI, and p-values (n=114)

	miR-509-3p	miR-193b-5p
Arousal	β= 0.039 ± 0.378 **p** = 0.84	β = 0.141 ± 0.283 **p** = 0.33
Quality of movement	β = -0.47 ± 0.38 **p** = 0.017 (**)	β = -0.278 ± 0.287 **p** = 0.06 (*)
Excitability	β = 0.223 ± 0.403 **p** = 0.28	β = 0.27 ± 0.3 **p** = 0.09 (*)
Self Regulaton	β = -0.110 ± 0.402 **p** = 0.59	β = -0.237 ± 0.296 **p** = 0.12
Stress Abstinence	β = 0.111±0.344 **p** = 0.53	β = 0.040 ± 0.258 **p** = 0.76

*p ≤ 0.1; **p ≤ 0.05; ***p ≤ 0.001

microRNA	log2FoldCh	lfcSE	p-Value	FDR
hsa-miR-19	0.425	0.135	0.002	0.589
hsa-miR-42	0.495	0.162	0.002	0.589
hsa-miR-95	0.329	0.11	0.003	0.589
hsa-miR-62	-0.142	0.048	0.003	0.589
hsa-miR-52	-0.146	0.054	0.007	0.812
hsa-miR-29	0.156	0.058	0.008	0.812
hsa-miR-50	-0.079	0.031	0.01	0.812
hsa-miR-20	0.221	0.086	0.01	0.812
hsa-miR-13	0.137	0.054	0.011	0.812
hsa-miR-54	0.294	0.116	0.011	0.812
hsa-miR-29	0.112	0.044	0.011	0.812
hsa-miR-18	0.132	0.053	0.012	0.812
hsa-miR-50	-0.073	0.03	0.015	0.849
hsa-miR-49	0.137	0.057	0.016	0.849
hsa-miR-26	0.417	0.173	0.016	0.849
hsa-let-7b-:	0.187	0.079	0.018	0.9
hsa-miR-54	0.456	0.199	0.022	0.957
hsa-miR-20	-0.18	0.079	0.023	0.957
hsa-miR-21	0.317	0.139	0.023	0.957
hsa-miR-20	-0.171	0.077	0.027	0.973
hsa-miR-19	0.125	0.057	0.027	0.973
hsa-miR-38	-0.079	0.036	0.027	0.973
hsa-miR-54	0.276	0.126	0.028	0.973
hsa-miR-37	0.323	0.148	0.029	0.973
hsa-miR-20	0.096	0.045	0.035	0.997
hsa-miR-12	0.184	0.088	0.036	0.997
hsa-miR-46	-0.315	0.152	0.038	0.997
hsa-miR-32	-0.078	0.039	0.043	0.997
hsa-miR-44	-0.328	0.163	0.044	0.997
hsa-miR-12	0.219	0.109	0.045	0.997
hsa-miR-51	-0.062	0.031	0.048	0.997
hsa-miR-22	0.067	0.034	0.051	0.997
hsa-miR-54	-0.256	0.132	0.052	0.997
hsa-miR-33	0.069	0.035	0.052	0.997
hsa-miR-48	-0.09	0.047	0.056	0.997
hsa-miR-21	0.289	0.151	0.056	0.997
hsa-miR-18	-0.137	0.072	0.057	0.997
hsa-miR-49	0.29	0.153	0.059	0.997
hsa-miR-34	0.161	0.086	0.062	0.997
hsa-miR-7-!	-0.088	0.047	0.062	0.997
hsa-miR-18	-0.176	0.095	0.064	0.997
hsa-miR-46	0.265	0.144	0.066	0.997
hsa-miR-53	-0.088	0.048	0.066	0.997
hsa-miR-18	0.093	0.051	0.069	0.997
hsa-miR-48	-0.081	0.045	0.069	0.997
hsa-miR-62	-0.193	0.107	0.072	0.997
hsa-miR-36	0.167	0.093	0.073	0.997
hsa-miR-65	-0.066	0.037	0.076	0.997
hsa-miR-36	-0.068	0.038	0.076	0.997

hsa-miR-12	0.148	0.084	0.077	0.997
hsa-miR-65	-0.204	0.117	0.081	0.997
hsa-miR-36	-0.229	0.132	0.082	0.997
hsa-miR-54	-0.205	0.118	0.083	0.997
hsa-miR-37	-0.1	0.058	0.084	0.997
hsa-miR-34	0.131	0.076	0.085	0.997
hsa-miR-51	0.065	0.038	0.085	0.997
hsa-miR-51	-0.088	0.051	0.087	0.997
hsa-miR-37	-0.068	0.04	0.088	0.997
hsa-let-7b-!	0.108	0.064	0.089	0.997
hsa-miR-11	-0.099	0.059	0.09	0.997
hsa-miR-45	-0.088	0.052	0.09	0.997
hsa-miR-13	-0.267	0.158	0.092	0.997
hsa-miR-18	-0.176	0.105	0.092	0.997
hsa-miR-37	-0.064	0.038	0.093	0.997
hsa-miR-53	-0.058	0.035	0.096	0.997
hsa-miR-21	0.24	0.144	0.096	0.997
hsa-miR-65	-0.162	0.098	0.098	0.997
hsa-miR-12	-0.199	0.121	0.099	0.997
hsa-miR-19	0.076	0.046	0.101	0.997
hsa-miR-15	0.129	0.079	0.101	0.997
hsa-miR-27	0.102	0.063	0.105	0.997
hsa-miR-15	-0.219	0.136	0.106	0.997
hsa-miR-37	-0.056	0.035	0.107	0.997
hsa-miR-62	-0.129	0.08	0.108	0.997
hsa-miR-52	-0.064	0.04	0.11	0.997
hsa-miR-42	0.063	0.04	0.112	0.997
hsa-miR-57	-0.184	0.117	0.115	0.997
hsa-miR-57	0.137	0.087	0.115	0.997
hsa-miR-36	0.164	0.104	0.115	0.997
hsa-miR-12	-0.222	0.141	0.115	0.997
hsa-miR-76	-0.111	0.07	0.116	0.997
hsa-miR-30	-0.235	0.15	0.119	0.997
hsa-miR-59	0.145	0.094	0.121	0.997
hsa-miR-54	-0.146	0.094	0.122	0.997
hsa-miR-37	-0.068	0.044	0.123	0.997
hsa-miR-34	0.095	0.062	0.124	0.997
hsa-miR-33	-0.056	0.037	0.128	0.997
hsa-miR-61	-0.072	0.047	0.13	0.997
hsa-miR-77	0.09	0.059	0.131	0.997
hsa-miR-33	-0.088	0.058	0.131	0.997
hsa-miR-13	-0.041	0.027	0.131	0.997
hsa-miR-62	-0.078	0.052	0.132	0.997
hsa-miR-47	-0.165	0.111	0.137	0.997
hsa-miR-36	-0.182	0.123	0.138	0.997
hsa-miR-33	-0.082	0.055	0.141	0.997
hsa-miR-54	-0.223	0.153	0.144	0.997
hsa-miR-37	-0.064	0.044	0.146	0.997
hsa-miR-10	-0.112	0.077	0.147	0.997
hsa-miR-48	-0.061	0.043	0.15	0.997

hsa-miR-64	-0.22	0.153	0.151	0.997
hsa-miR-62	-0.05	0.035	0.152	0.997
hsa-miR-37	-0.064	0.045	0.153	0.997
hsa-miR-56	0.382	0.268	0.154	0.997
hsa-miR-55	-0.132	0.093	0.156	0.997
hsa-miR-29	0.054	0.038	0.156	0.997
hsa-miR-39	0.143	0.101	0.157	0.997
hsa-miR-52	-0.059	0.042	0.158	0.997
hsa-miR-67	-0.191	0.136	0.16	0.997
hsa-let-7c-5	0.072	0.051	0.163	0.997
hsa-miR-43	-0.152	0.109	0.163	0.997
hsa-miR-41	-0.076	0.055	0.165	0.997
hsa-miR-94	-0.078	0.056	0.167	0.997
hsa-miR-45	-0.215	0.156	0.168	0.997
hsa-miR-19	0.053	0.038	0.169	0.997
hsa-miR-39	-0.174	0.127	0.171	0.997
hsa-miR-48	-0.048	0.035	0.173	0.997
hsa-miR-41	-0.05	0.037	0.173	0.997
hsa-miR-22	0.067	0.05	0.175	0.997
hsa-miR-54	0.227	0.168	0.175	0.997
hsa-miR-58	-0.067	0.05	0.176	0.997
hsa-miR-37	-0.055	0.041	0.177	0.997
hsa-miR-65	-0.046	0.034	0.177	0.997
hsa-miR-36	-0.069	0.051	0.178	0.997
hsa-miR-36	0.086	0.064	0.18	0.997
hsa-miR-36	0.086	0.064	0.18	0.997
hsa-miR-51	0.047	0.035	0.181	0.997
hsa-miR-60	-0.176	0.132	0.181	0.997
hsa-miR-68	-0.169	0.126	0.182	0.997
hsa-miR-36	-0.07	0.052	0.183	0.997
hsa-miR-61	0.198	0.15	0.185	0.997
hsa-miR-52	-0.115	0.087	0.186	0.997
hsa-miR-37	-0.053	0.04	0.186	0.997
hsa-miR-13	0.067	0.051	0.188	0.997
hsa-miR-31	0.084	0.065	0.192	0.997
hsa-miR-50	-0.05	0.038	0.192	0.997
hsa-miR-37	-0.061	0.047	0.195	0.997
hsa-miR-19	0.055	0.043	0.195	0.997
hsa-miR-12	0.07	0.055	0.199	0.997
hsa-miR-18	0.05	0.039	0.202	0.997
hsa-miR-49	-0.089	0.07	0.203	0.997
hsa-miR-71	-0.222	0.175	0.203	0.997
hsa-miR-51	-0.05	0.039	0.205	0.997
hsa-miR-54	0.19	0.151	0.208	0.997
hsa-miR-38	-0.045	0.036	0.208	0.997
hsa-miR-19	0.042	0.033	0.209	0.997
hsa-miR-31	0.19	0.151	0.21	0.997
hsa-miR-65	-0.056	0.045	0.211	0.997
hsa-miR-36	-0.045	0.036	0.211	0.997
hsa-miR-21	-0.05	0.04	0.211	0.997

hsa-miR-10	0.181	0.145	0.212	0.997
hsa-miR-33	-0.068	0.054	0.212	0.997
hsa-miR-54	-0.067	0.054	0.215	0.997
hsa-miR-31	-0.173	0.14	0.216	0.997
hsa-miR-21	0.1	0.081	0.217	0.997
hsa-miR-50	-0.044	0.036	0.22	0.997
hsa-miR-65	-0.127	0.104	0.222	0.997
hsa-miR-52	-0.043	0.035	0.223	0.997
hsa-miR-55	0.165	0.136	0.224	0.997
hsa-miR-24	0.045	0.037	0.224	0.997
hsa-miR-10	0.107	0.089	0.228	0.997
hsa-miR-49	-0.058	0.048	0.228	0.997
hsa-miR-10	0.037	0.031	0.232	0.997
hsa-miR-13	0.157	0.132	0.234	0.997
hsa-miR-19	0.095	0.08	0.235	0.997
hsa-miR-54	-0.154	0.13	0.235	0.997
hsa-miR-31	-0.164	0.139	0.236	0.997
hsa-miR-12	-0.161	0.136	0.238	0.997
hsa-miR-22	-0.167	0.142	0.239	0.997
hsa-miR-46	0.119	0.101	0.241	0.997
hsa-miR-7-1	-0.066	0.057	0.244	0.997
hsa-miR-41	-0.045	0.039	0.247	0.997
hsa-miR-18	-0.066	0.057	0.249	0.997
hsa-miR-36	-0.206	0.179	0.25	0.997
hsa-miR-19	0.049	0.043	0.251	0.997
hsa-let-7a-3	0.039	0.034	0.254	0.997
hsa-miR-54	-0.186	0.164	0.257	0.997
hsa-miR-54	0.058	0.051	0.257	0.997
hsa-miR-32	-0.047	0.042	0.259	0.997
hsa-miR-45	0.231	0.206	0.262	0.997
hsa-miR-22	0.036	0.032	0.266	0.997
hsa-miR-30	0.034	0.03	0.267	0.997
hsa-miR-10	0.046	0.042	0.267	0.997
hsa-miR-68	-0.166	0.15	0.267	0.997
hsa-miR-62	-0.074	0.067	0.268	0.997
hsa-miR-13	0.136	0.123	0.269	0.997
hsa-miR-13	0.114	0.104	0.269	0.997
hsa-miR-32	0.079	0.072	0.27	0.997
hsa-miR-58	-0.137	0.125	0.273	0.997
hsa-miR-21	0.144	0.131	0.273	0.997
hsa-miR-36	-0.093	0.086	0.278	0.997
hsa-miR-12	0.038	0.035	0.278	0.997
hsa-miR-66	0.058	0.054	0.279	0.997
hsa-miR-19	-0.03	0.028	0.28	0.997
hsa-miR-32	-0.045	0.042	0.28	0.997
hsa-miR-44	0.096	0.09	0.281	0.997
hsa-miR-54	-0.142	0.132	0.282	0.997
hsa-miR-93	0.043	0.04	0.283	0.997
hsa-miR-21	0.274	0.258	0.288	0.997
hsa-miR-19	0.097	0.092	0.292	0.997

hsa-miR-54	0.161	0.153	0.293	0.997
hsa-miR-55	-0.152	0.144	0.293	0.997
hsa-miR-31	-0.163	0.155	0.293	0.997
hsa-miR-20	-0.131	0.125	0.293	0.997
hsa-miR-53	-0.054	0.051	0.294	0.997
hsa-miR-30	0.037	0.036	0.296	0.997
hsa-miR-18	0.12	0.115	0.297	0.997
hsa-miR-54	-0.123	0.118	0.298	0.997
hsa-miR-57	-0.123	0.118	0.298	0.997
hsa-miR-54	-0.126	0.122	0.301	0.997
hsa-miR-21	0.065	0.063	0.302	0.997
hsa-miR-22	-0.122	0.119	0.303	0.997
hsa-miR-76	0.139	0.135	0.303	0.997
hsa-miR-75	0.113	0.11	0.307	0.997
hsa-miR-29	0.064	0.062	0.307	0.997
hsa-miR-14	0.114	0.112	0.308	0.997
hsa-miR-54	-0.098	0.096	0.309	0.997
hsa-miR-92	-0.04	0.039	0.31	0.997
hsa-miR-12	-0.142	0.14	0.31	0.997
hsa-miR-13	0.039	0.038	0.311	0.997
hsa-miR-12	0.105	0.103	0.311	0.997
hsa-miR-65	0.134	0.133	0.312	0.997
hsa-miR-19	0.084	0.084	0.316	0.997
hsa-miR-42	-0.029	0.029	0.316	0.997
hsa-miR-67	-0.05	0.051	0.321	0.997
hsa-miR-45	-0.037	0.037	0.322	0.997
hsa-miR-31	0.139	0.141	0.324	0.997
hsa-miR-32	-0.034	0.034	0.324	0.997
hsa-miR-52	-0.039	0.04	0.326	0.997
hsa-miR-19	0.085	0.086	0.327	0.997
hsa-miR-43	-0.043	0.044	0.327	0.997
hsa-miR-14	0.042	0.043	0.328	0.997
hsa-miR-50	0.066	0.067	0.33	0.997
hsa-miR-11	-0.049	0.05	0.331	0.997
hsa-miR-12	-0.035	0.036	0.331	0.997
hsa-miR-12	0.099	0.102	0.332	0.997
hsa-miR-37	0.087	0.09	0.334	0.997
hsa-miR-57	-0.046	0.047	0.336	0.997
hsa-miR-12	0.063	0.065	0.336	0.997
hsa-miR-13	0.056	0.058	0.336	0.997
hsa-miR-30	0.029	0.03	0.337	0.997
hsa-miR-1-:	-0.066	0.069	0.338	0.997
hsa-miR-16	-0.048	0.051	0.342	0.997
hsa-miR-51	-0.035	0.037	0.343	0.997
hsa-miR-62	-0.089	0.094	0.343	0.997
hsa-miR-30	0.053	0.056	0.344	0.997
hsa-miR-34	0.048	0.051	0.346	0.997
hsa-miR-20	0.034	0.036	0.346	0.997
hsa-miR-46	-0.142	0.151	0.348	0.997
hsa-miR-14	0.033	0.035	0.349	0.997

hsa-miR-50	-0.037	0.04	0.349	0.997
hsa-miR-68	0.115	0.123	0.35	0.997
hsa-miR-51	-0.037	0.039	0.351	0.997
hsa-let-7d-!	-0.07	0.076	0.351	0.997
hsa-miR-30	-0.099	0.106	0.351	0.997
hsa-miR-51	0.03	0.033	0.355	0.997
hsa-miR-34	0.073	0.079	0.356	0.997
hsa-miR-9-!	0.069	0.075	0.356	0.997
hsa-miR-23	-0.071	0.078	0.357	0.997
hsa-miR-55	-0.086	0.093	0.358	0.997
hsa-miR-38	-0.065	0.071	0.359	0.997
hsa-miR-12	-0.057	0.062	0.359	0.997
hsa-miR-93	0.122	0.133	0.359	0.997
hsa-miR-92	-0.089	0.098	0.36	0.997
hsa-miR-51	0.036	0.039	0.36	0.997
hsa-miR-42	0.024	0.026	0.361	0.997
hsa-miR-61	-0.068	0.075	0.363	0.997
hsa-miR-29	-0.039	0.043	0.363	0.997
hsa-miR-62	-0.043	0.047	0.364	0.997
hsa-miR-47	0.135	0.148	0.364	0.997
hsa-miR-37	-0.061	0.067	0.367	0.997
hsa-miR-40	-0.031	0.034	0.369	0.997
hsa-miR-12	-0.065	0.073	0.375	0.997
hsa-miR-55	-0.048	0.054	0.377	0.997
hsa-miR-26	0.016	0.018	0.379	0.997
hsa-miR-54	-0.081	0.093	0.38	0.997
hsa-miR-49	-0.034	0.039	0.381	0.997
hsa-miR-50	-0.038	0.044	0.381	0.997
hsa-miR-39	-0.056	0.064	0.382	0.997
hsa-miR-38	-0.112	0.128	0.383	0.997
hsa-miR-33	-0.059	0.068	0.386	0.997
hsa-miR-39	0.144	0.168	0.392	0.997
hsa-miR-12	0.038	0.044	0.392	0.997
hsa-miR-48	-0.06	0.07	0.396	0.997
hsa-miR-13	-0.053	0.062	0.396	0.997
hsa-miR-31	-0.139	0.164	0.397	0.997
hsa-miR-66	-0.039	0.046	0.397	0.997
hsa-miR-56	-0.06	0.071	0.397	0.997
hsa-miR-32	-0.039	0.046	0.397	0.997
hsa-miR-15	-0.037	0.044	0.399	0.997
hsa-let-7f-2	0.095	0.113	0.4	0.997
hsa-miR-51	-0.032	0.038	0.401	0.997
hsa-miR-18	-0.051	0.061	0.405	0.997
hsa-miR-51	-0.041	0.049	0.405	0.997
hsa-miR-51	-0.091	0.109	0.407	0.997
hsa-miR-10	0.085	0.103	0.407	0.997
hsa-miR-13	0.027	0.032	0.408	0.997
hsa-miR-57	-0.033	0.04	0.409	0.997
hsa-miR-49	0.079	0.096	0.409	0.997
hsa-miR-54	-0.043	0.053	0.41	0.997

hsa-miR-20	-0.113	0.138	0.41	0.997
hsa-miR-20	0.028	0.034	0.417	0.997
hsa-miR-54	-0.037	0.045	0.417	0.997
hsa-miR-21	0.058	0.072	0.418	0.997
hsa-let-7a-5	0.028	0.034	0.418	0.997
hsa-miR-54	-0.041	0.051	0.419	0.997
hsa-miR-51	-0.03	0.038	0.419	0.997
hsa-miR-65	0.036	0.045	0.42	0.997
hsa-miR-37	0.119	0.148	0.421	0.997
hsa-miR-12	-0.119	0.148	0.422	0.997
hsa-miR-33	0.111	0.138	0.422	0.997
hsa-miR-37	0.04	0.049	0.422	0.997
hsa-miR-87	-0.051	0.064	0.423	0.997
hsa-miR-87	-0.062	0.077	0.423	0.997
hsa-miR-52	-0.033	0.041	0.425	0.997
hsa-miR-51	-0.035	0.044	0.426	0.997
hsa-miR-52	-0.033	0.041	0.426	0.997
hsa-miR-13	-0.097	0.122	0.427	0.997
hsa-miR-41	-0.132	0.166	0.427	0.997
hsa-miR-51	-0.033	0.041	0.428	0.997
hsa-miR-10	0.099	0.126	0.429	0.997
hsa-miR-37	-0.125	0.158	0.429	0.997
hsa-miR-14	-0.065	0.082	0.431	0.997
hsa-miR-49	0.026	0.033	0.432	0.997
hsa-miR-54	-0.106	0.135	0.433	0.997
hsa-miR-13	0.09	0.116	0.435	0.997
hsa-miR-50	0.065	0.084	0.435	0.997
hsa-miR-65	0.105	0.135	0.437	0.997
hsa-miR-50	-0.093	0.12	0.437	0.997
hsa-miR-10	0.023	0.029	0.438	0.997
hsa-miR-50	-0.042	0.054	0.444	0.997
hsa-miR-22	0.079	0.104	0.447	0.997
hsa-miR-11	-0.06	0.08	0.448	0.997
hsa-miR-58	0.038	0.051	0.448	0.997
hsa-miR-33	0.032	0.043	0.45	0.997
hsa-miR-67	-0.043	0.057	0.45	0.997
hsa-miR-30	-0.045	0.06	0.456	0.997
hsa-miR-76	-0.109	0.147	0.456	0.997
hsa-miR-21	0.206	0.277	0.457	0.997
hsa-miR-31	-0.1	0.136	0.461	0.997
hsa-miR-31	0.102	0.138	0.461	0.997
hsa-miR-19	-0.033	0.045	0.461	0.997
hsa-miR-51	-0.081	0.11	0.462	0.997
hsa-miR-30	0.028	0.038	0.464	0.997
hsa-miR-54	-0.08	0.11	0.465	0.997
hsa-miR-51	0.023	0.031	0.465	0.997
hsa-miR-98	0.095	0.13	0.466	0.997
hsa-miR-67	-0.061	0.085	0.469	0.997
hsa-miR-54	0.094	0.13	0.47	0.997
hsa-miR-19	0.04	0.056	0.472	0.997

hsa-miR-9-3	0.056	0.079	0.474	0.997
hsa-miR-14	-0.076	0.106	0.474	0.997
hsa-miR-51	0.054	0.075	0.475	0.997
hsa-miR-36	0.022	0.031	0.476	0.997
hsa-miR-26	0.036	0.05	0.476	0.997
hsa-miR-44	-0.071	0.1	0.476	0.997
hsa-miR-12	-0.018	0.025	0.477	0.997
hsa-miR-14	-0.074	0.105	0.48	0.997
hsa-miR-13	-0.029	0.041	0.48	0.997
hsa-miR-76	0.022	0.032	0.48	0.997
hsa-miR-22	-0.03	0.042	0.481	0.997
hsa-miR-47	-0.105	0.149	0.482	0.997
hsa-miR-51	-0.024	0.035	0.484	0.997
hsa-miR-50	0.047	0.067	0.485	0.997
hsa-miR-40	-0.026	0.038	0.486	0.997
hsa-miR-45	-0.074	0.108	0.489	0.997
hsa-miR-29	-0.027	0.039	0.491	0.997
hsa-miR-43	-0.032	0.047	0.491	0.997
hsa-miR-45	-0.052	0.075	0.492	0.997
hsa-miR-51	0.048	0.07	0.492	0.997
hsa-miR-51	0.023	0.034	0.494	0.997
hsa-miR-52	-0.023	0.033	0.495	0.997
hsa-miR-31	0.075	0.11	0.496	0.997
hsa-miR-18	0.062	0.091	0.497	0.997
hsa-miR-52	-0.036	0.052	0.498	0.997
hsa-miR-48	0.02	0.029	0.499	0.997
hsa-miR-51	-0.022	0.032	0.499	0.997
hsa-miR-22	-0.053	0.079	0.502	0.997
hsa-miR-12	-0.028	0.043	0.504	0.997
hsa-miR-23	0.024	0.036	0.506	0.997
hsa-miR-54	-0.035	0.053	0.508	0.997
hsa-miR-34	-0.03	0.045	0.508	0.997
hsa-miR-12	0.067	0.102	0.511	0.997
hsa-miR-22	0.077	0.117	0.513	0.997
hsa-miR-36	-0.035	0.054	0.513	0.997
hsa-miR-32	0.026	0.039	0.514	0.997
hsa-miR-20	-0.099	0.152	0.515	0.997
hsa-miR-88	-0.096	0.147	0.516	0.997
hsa-miR-34	-0.085	0.131	0.516	0.997
hsa-miR-21	0.027	0.041	0.517	0.997
hsa-miR-33	-0.087	0.135	0.518	0.997
hsa-miR-26	0.018	0.028	0.518	0.997
hsa-miR-18	-0.021	0.032	0.518	0.997
hsa-miR-52	-0.022	0.034	0.52	0.997
hsa-miR-96	0.039	0.06	0.521	0.997
hsa-miR-55	0.067	0.105	0.522	0.997
hsa-miR-51	-0.027	0.042	0.525	0.997
hsa-miR-50	0.073	0.116	0.526	0.997
hsa-miR-65	-0.019	0.03	0.527	0.997
hsa-miR-51	0.064	0.102	0.528	0.997

hsa-miR-11	-0.039	0.061	0.53	0.997
hsa-miR-79	-0.039	0.062	0.531	0.997
hsa-miR-22	0.038	0.061	0.532	0.997
hsa-let-7i-3	0.057	0.092	0.533	0.997
hsa-miR-34	-0.025	0.04	0.533	0.997
hsa-miR-87	0.065	0.105	0.533	0.997
hsa-miR-29	0.033	0.054	0.537	0.997
hsa-miR-23	0.037	0.06	0.544	0.997
hsa-miR-19	0.076	0.126	0.546	0.997
hsa-miR-30	0.025	0.042	0.547	0.997
hsa-miR-37	-0.03	0.051	0.549	0.997
hsa-miR-61	-0.06	0.1	0.55	0.997
hsa-miR-51	-0.025	0.042	0.551	0.997
hsa-miR-54	-0.096	0.161	0.551	0.997
hsa-miR-12	0.063	0.106	0.551	0.997
hsa-miR-94	-0.033	0.055	0.551	0.997
hsa-miR-14	0.043	0.072	0.552	0.997
hsa-miR-25	-0.073	0.123	0.552	0.997
hsa-miR-26	0.054	0.092	0.553	0.997
hsa-miR-39	-0.169	0.285	0.554	0.997
hsa-miR-65	-0.061	0.104	0.557	0.997
hsa-miR-12	0.02	0.034	0.561	0.997
hsa-miR-47	-0.064	0.11	0.562	0.997
hsa-miR-54	-0.056	0.096	0.562	0.997
hsa-miR-49	-0.092	0.16	0.563	0.997
hsa-miR-55	-0.055	0.096	0.564	0.997
hsa-miR-52	-0.02	0.035	0.567	0.997
hsa-let-7f-5	0.032	0.056	0.567	0.997
hsa-miR-18	0.021	0.037	0.568	0.997
hsa-miR-68	-0.079	0.138	0.568	0.997
hsa-miR-45	-0.015	0.026	0.572	0.997
hsa-miR-19	0.016	0.028	0.573	0.997
hsa-miR-49	-0.073	0.13	0.573	0.997
hsa-miR-42	-0.029	0.051	0.575	0.997
hsa-miR-54	0.127	0.226	0.575	0.997
hsa-miR-49	-0.021	0.037	0.578	0.997
hsa-miR-59	0.025	0.046	0.585	0.997
hsa-miR-18	0.032	0.059	0.586	0.997
hsa-miR-17	0.019	0.035	0.588	0.997
hsa-miR-18	-0.035	0.064	0.588	0.997
hsa-miR-49	-0.021	0.038	0.59	0.997
hsa-miR-30	0.022	0.041	0.593	0.997
hsa-miR-46	-0.054	0.102	0.595	0.997
hsa-miR-58	-0.035	0.066	0.595	0.997
hsa-miR-54	0.024	0.045	0.595	0.997
hsa-miR-66	-0.018	0.034	0.596	0.997
hsa-miR-51	-0.018	0.034	0.596	0.997
hsa-miR-51	-0.018	0.034	0.596	0.997
hsa-miR-15	0.019	0.036	0.596	0.997
hsa-miR-75	0.024	0.046	0.598	0.997

hsa-miR-51	-0.016	0.031	0.598	0.997
hsa-miR-18	0.014	0.027	0.6	0.997
hsa-miR-13	0.056	0.107	0.601	0.997
hsa-miR-12	0.044	0.085	0.601	0.997
hsa-miR-12	-0.047	0.089	0.602	0.997
hsa-miR-54	-0.05	0.097	0.603	0.997
hsa-miR-12	-0.048	0.092	0.603	0.997
hsa-miR-99	-0.014	0.026	0.604	0.997
hsa-miR-52	0.016	0.031	0.605	0.997
hsa-miR-34	0.036	0.069	0.605	0.997
hsa-miR-22	-0.016	0.032	0.606	0.997
hsa-miR-51	0.016	0.031	0.606	0.997
hsa-miR-14	-0.046	0.09	0.608	0.997
hsa-miR-37	-0.025	0.05	0.611	0.997
hsa-miR-19	-0.038	0.075	0.613	0.997
hsa-miR-45	-0.028	0.056	0.614	0.997
hsa-miR-21	0.076	0.151	0.614	0.997
hsa-miR-12	-0.095	0.189	0.616	0.997
hsa-miR-47	-0.046	0.092	0.617	0.997
hsa-miR-66	0.019	0.037	0.617	0.997
hsa-miR-46	0.05	0.1	0.617	0.997
hsa-miR-50	0.017	0.034	0.619	0.997
hsa-miR-51	-0.019	0.039	0.62	0.997
hsa-miR-54	-0.038	0.076	0.621	0.997
hsa-miR-48	0.067	0.137	0.625	0.997
hsa-miR-39	0.025	0.051	0.625	0.997
hsa-miR-37	-0.076	0.158	0.629	0.997
hsa-miR-52	0.02	0.041	0.629	0.997
hsa-miR-32	-0.024	0.05	0.634	0.997
hsa-miR-15	0.014	0.031	0.636	0.997
hsa-let-7d-:	0.033	0.069	0.638	0.997
hsa-miR-55	-0.035	0.075	0.639	0.997
hsa-miR-13	-0.023	0.05	0.64	0.997
hsa-miR-45	0.048	0.105	0.643	0.997
hsa-miR-13	-0.053	0.115	0.647	0.997
hsa-miR-61	0.033	0.072	0.649	0.997
hsa-miR-13	0.065	0.142	0.649	0.997
hsa-miR-38	-0.023	0.05	0.65	0.997
hsa-miR-47	0.057	0.126	0.652	0.997
hsa-miR-18	0.02	0.044	0.652	0.997
hsa-miR-15	-0.022	0.049	0.652	0.997
hsa-miR-19	-0.016	0.037	0.654	0.997
hsa-miR-31	-0.036	0.081	0.655	0.997
hsa-miR-41	0.12	0.268	0.655	0.997
hsa-miR-14	-0.035	0.079	0.656	0.997
hsa-miR-19	-0.016	0.037	0.656	0.997
hsa-miR-48	0.06	0.134	0.657	0.997
hsa-miR-57	-0.017	0.037	0.658	0.997
hsa-miR-23	0.019	0.043	0.658	0.997
hsa-miR-13	-0.017	0.04	0.664	0.997

hsa-miR-12	0.028	0.064	0.665	0.997
hsa-miR-33	-0.021	0.048	0.667	0.997
hsa-miR-20	0.03	0.069	0.668	0.997
hsa-miR-12	-0.025	0.059	0.669	0.997
hsa-miR-29	-0.018	0.042	0.669	0.997
hsa-miR-18	0.035	0.081	0.67	0.997
hsa-miR-13	0.027	0.064	0.67	0.997
hsa-miR-32	0.021	0.049	0.671	0.997
hsa-miR-30	-0.014	0.033	0.671	0.997
hsa-miR-65	-0.036	0.086	0.673	0.997
hsa-miR-54	-0.06	0.141	0.673	0.997
hsa-miR-66	-0.023	0.054	0.674	0.997
hsa-miR-52	0.029	0.07	0.675	0.997
hsa-miR-36	0.029	0.068	0.675	0.997
hsa-miR-52	0.012	0.03	0.679	0.997
hsa-miR-94	-0.031	0.076	0.681	0.997
hsa-miR-44	-0.042	0.103	0.683	0.997
hsa-miR-51	-0.026	0.064	0.684	0.997
hsa-miR-30	-0.06	0.148	0.685	0.997
hsa-miR-37	0.019	0.048	0.687	0.997
hsa-miR-14	0.023	0.057	0.687	0.997
hsa-miR-12	-0.026	0.065	0.688	0.997
hsa-miR-74	-0.034	0.086	0.692	0.997
hsa-miR-13	0.03	0.075	0.693	0.997
hsa-miR-10	0.027	0.07	0.694	0.997
hsa-miR-54	0.027	0.068	0.695	0.997
hsa-miR-13	-0.03	0.076	0.695	0.997
hsa-miR-98	0.034	0.086	0.696	0.997
hsa-miR-87	-0.023	0.06	0.697	0.997
hsa-miR-42	0.013	0.033	0.698	0.997
hsa-miR-54	-0.029	0.074	0.699	0.997
hsa-let-7g-3	0.062	0.161	0.7	0.997
hsa-miR-33	-0.017	0.044	0.703	0.997
hsa-miR-12	0.029	0.077	0.703	0.997
hsa-miR-54	-0.02	0.053	0.704	0.997
hsa-miR-92	0.018	0.046	0.705	0.997
hsa-miR-54	-0.081	0.216	0.706	0.997
hsa-miR-21	-0.018	0.049	0.706	0.997
hsa-miR-62	-0.034	0.092	0.709	0.997
hsa-miR-52	-0.015	0.041	0.709	0.997
hsa-miR-15	0.045	0.12	0.71	0.997
hsa-miR-30	0.024	0.066	0.71	0.997
hsa-let-7e-3	-0.019	0.052	0.711	0.997
hsa-miR-15	0.033	0.088	0.711	0.997
hsa-miR-19	-0.05	0.135	0.711	0.997
hsa-miR-14	0.014	0.038	0.713	0.997
hsa-miR-45	-0.022	0.06	0.713	0.997
hsa-miR-46	-0.06	0.162	0.713	0.997
hsa-miR-70	0.052	0.143	0.715	0.997
hsa-miR-65	-0.025	0.069	0.715	0.997

hsa-miR-21	-0.032	0.088	0.716	0.997
hsa-miR-51	-0.052	0.143	0.716	0.997
hsa-miR-52	0.012	0.033	0.716	0.997
hsa-miR-79	-0.032	0.087	0.716	0.997
hsa-miR-14	0.016	0.044	0.717	0.997
hsa-miR-14	0.016	0.045	0.717	0.997
hsa-miR-36	-0.014	0.039	0.719	0.997
hsa-miR-20	0.024	0.066	0.723	0.997
hsa-miR-18	-0.04	0.114	0.725	0.997
hsa-miR-21	-0.016	0.047	0.726	0.997
hsa-miR-99	0.041	0.118	0.727	0.997
hsa-miR-37	-0.013	0.038	0.731	0.997
hsa-miR-28	-0.011	0.033	0.732	0.997
hsa-miR-13	0.04	0.118	0.734	0.997
hsa-miR-54	-0.015	0.045	0.736	0.997
hsa-miR-22	-0.018	0.055	0.736	0.997
hsa-miR-52	0.015	0.046	0.736	0.997
hsa-miR-37	0.02	0.06	0.738	0.997
hsa-miR-54	0.023	0.068	0.74	0.997
hsa-miR-22	-0.009	0.027	0.74	0.997
hsa-miR-32	-0.032	0.098	0.741	0.997
hsa-miR-51	0.045	0.137	0.742	0.997
hsa-miR-31	-0.059	0.18	0.743	0.997
hsa-miR-37	-0.051	0.157	0.743	0.997
hsa-miR-77	-0.033	0.102	0.745	0.997
hsa-miR-54	-0.015	0.045	0.745	0.997
hsa-miR-33	0.023	0.072	0.747	0.997
hsa-miR-32	-0.019	0.06	0.747	0.997
hsa-miR-14	0.02	0.062	0.748	0.997
hsa-miR-21	-0.032	0.1	0.75	0.997
hsa-miR-12	0.017	0.052	0.751	0.997
hsa-miR-58	0.023	0.075	0.753	0.997
hsa-miR-93	0.015	0.049	0.754	0.997
hsa-miR-54	-0.021	0.067	0.755	0.997
hsa-miR-10	0.013	0.042	0.755	0.997
hsa-miR-15	0.043	0.137	0.756	0.997
hsa-miR-67	-0.022	0.073	0.759	0.997
hsa-miR-58	0.05	0.167	0.762	0.997
hsa-miR-54	0.029	0.097	0.763	0.997
hsa-miR-64	0.02	0.066	0.765	0.997
hsa-miR-65	0.036	0.122	0.766	0.997
hsa-miR-16	-0.013	0.043	0.767	0.997
hsa-let-7e-!	-0.012	0.041	0.767	0.997
hsa-miR-65	0.027	0.092	0.77	0.997
hsa-miR-38	-0.013	0.045	0.771	0.997
hsa-miR-46	-0.041	0.142	0.772	0.997
hsa-miR-36	-0.025	0.085	0.772	0.997
hsa-miR-12	-0.078	0.271	0.773	0.997
hsa-miR-37	0.017	0.059	0.773	0.997
hsa-miR-37	0.021	0.071	0.773	0.997

hsa-miR-54	0.024	0.083	0.775	0.997
hsa-miR-52	-0.021	0.076	0.778	0.997
hsa-miR-18	-0.013	0.047	0.779	0.997
hsa-miR-17	-0.015	0.055	0.78	0.997
hsa-miR-56	0.045	0.161	0.78	0.997
hsa-miR-37	-0.017	0.06	0.781	0.997
hsa-miR-54	0.202	0.732	0.783	0.997
hsa-miR-48	-0.014	0.05	0.783	0.997
hsa-miR-37	-0.037	0.136	0.783	0.997
hsa-miR-52	-0.012	0.044	0.784	0.997
hsa-miR-30	-0.021	0.077	0.784	0.997
hsa-miR-27	-0.01	0.038	0.785	0.997
hsa-miR-14	-0.012	0.045	0.785	0.997
hsa-miR-29	0.024	0.09	0.787	0.997
hsa-miR-49	-0.014	0.053	0.787	0.997
hsa-miR-33	0.01	0.038	0.788	0.997
hsa-miR-47	0.027	0.102	0.79	0.997
hsa-miR-32	-0.012	0.046	0.79	0.997
hsa-miR-56	-0.024	0.09	0.791	0.997
hsa-miR-54	-0.039	0.148	0.791	0.997
hsa-miR-45	0.011	0.041	0.794	0.997
hsa-miR-16	0.032	0.124	0.795	0.997
hsa-miR-32	0.01	0.04	0.796	0.997
hsa-miR-52	0.008	0.032	0.797	0.997
hsa-miR-34	-0.011	0.042	0.797	0.997
hsa-miR-14	-0.012	0.049	0.799	0.997
hsa-let-7g-5	0.013	0.05	0.799	0.997
hsa-miR-27	0.005	0.019	0.8	0.997
hsa-miR-45	-0.011	0.042	0.8	0.997
hsa-miR-50	0.013	0.052	0.801	0.997
hsa-miR-21	0.022	0.086	0.803	0.997
hsa-miR-57	-0.009	0.037	0.803	0.997
hsa-miR-13	-0.009	0.038	0.803	0.997
hsa-miR-50	-0.012	0.05	0.803	0.997
hsa-miR-31	-0.021	0.087	0.805	0.997
hsa-miR-48	-0.022	0.089	0.806	0.997
hsa-miR-52	-0.008	0.034	0.809	0.997
hsa-miR-54	-0.012	0.049	0.811	0.997
hsa-miR-99	0.011	0.048	0.811	0.997
hsa-miR-42	-0.01	0.044	0.812	0.997
hsa-miR-54	-0.033	0.139	0.814	0.997
hsa-miR-34	-0.012	0.05	0.814	0.997
hsa-miR-26	-0.013	0.053	0.814	0.997
hsa-miR-49	0.016	0.067	0.815	0.997
hsa-miR-48	-0.023	0.1	0.817	0.997
hsa-miR-14	0.009	0.038	0.818	0.997
hsa-miR-11	-0.017	0.076	0.819	0.997
hsa-miR-50	-0.028	0.125	0.822	0.997
hsa-miR-23	0.005	0.023	0.825	0.997
hsa-miR-51	0.008	0.038	0.827	0.997

hsa-miR-51	0.008	0.038	0.827	0.997
hsa-miR-52	0.008	0.038	0.827	0.997
hsa-miR-52	0.008	0.038	0.827	0.997
hsa-miR-51	0.008	0.038	0.828	0.997
hsa-miR-36	0.011	0.051	0.828	0.997
hsa-miR-51	-0.007	0.033	0.828	0.997
hsa-miR-36	0.031	0.142	0.83	0.997
hsa-miR-52	0.01	0.044	0.83	0.997
hsa-miR-33	-0.009	0.042	0.83	0.997
hsa-miR-57	-0.035	0.166	0.83	0.997
hsa-miR-65	-0.016	0.078	0.834	0.997
hsa-miR-14	-0.01	0.047	0.84	0.997
hsa-miR-74	0.008	0.041	0.841	0.997
hsa-miR-12	-0.018	0.09	0.844	0.997
hsa-miR-62	0.016	0.083	0.845	0.997
hsa-miR-12	-0.007	0.036	0.848	0.997
hsa-miR-12	-0.01	0.052	0.85	0.997
hsa-miR-43	-0.012	0.064	0.853	0.997
hsa-miR-45	0.01	0.052	0.854	0.997
hsa-miR-98	0.011	0.058	0.855	0.997
hsa-miR-19	-0.026	0.141	0.856	0.997
hsa-miR-37	0.01	0.058	0.859	0.997
hsa-miR-12	-0.02	0.114	0.863	0.997
hsa-miR-13	-0.015	0.088	0.866	0.997
hsa-miR-10	-0.008	0.045	0.867	0.997
hsa-miR-36	0.011	0.066	0.872	0.997
hsa-miR-65	0.008	0.05	0.872	0.997
hsa-miR-99	-0.005	0.03	0.873	0.997
hsa-miR-30	-0.004	0.026	0.873	0.997
hsa-miR-14	-0.01	0.061	0.874	0.997
hsa-miR-46	0.021	0.13	0.874	0.997
hsa-miR-10	0.027	0.171	0.875	0.997
hsa-miR-54	0.014	0.087	0.876	0.997
hsa-miR-99	0.01	0.065	0.876	0.997
hsa-miR-27	0.005	0.031	0.877	0.997
hsa-miR-51	0.007	0.048	0.877	0.997
hsa-miR-18	-0.01	0.064	0.88	0.997
hsa-miR-88	-0.008	0.052	0.883	0.997
hsa-miR-51	-0.005	0.036	0.883	0.997
hsa-miR-52	-0.008	0.058	0.883	0.997
hsa-miR-10	0.011	0.079	0.884	0.997
hsa-miR-12	0.035	0.243	0.886	0.997
hsa-miR-21	-0.008	0.056	0.887	0.997
hsa-miR-10	0.013	0.095	0.887	0.997
hsa-miR-33	0.007	0.05	0.89	0.997
hsa-miR-31	-0.018	0.13	0.89	0.997
hsa-miR-94	0.013	0.096	0.89	0.997
hsa-miR-36	-0.005	0.034	0.89	0.997
hsa-miR-42	0.004	0.03	0.891	0.997
hsa-miR-14	-0.013	0.097	0.891	0.997

hsa-miR-59	-0.011	0.079	0.892	0.997
hsa-miR-10	0.008	0.059	0.893	0.997
hsa-miR-48	-0.005	0.04	0.895	0.997
hsa-miR-15	-0.007	0.05	0.895	0.997
hsa-miR-50	-0.01	0.074	0.896	0.997
hsa-miR-54	0.006	0.045	0.896	0.997
hsa-miR-41	0.023	0.177	0.896	0.997
hsa-miR-54	-0.007	0.052	0.896	0.997
hsa-miR-51	0.005	0.038	0.898	0.997
hsa-miR-52	-0.004	0.035	0.898	0.997
hsa-miR-13	0.013	0.101	0.899	0.997
hsa-miR-20	0.005	0.038	0.903	0.997
hsa-miR-30	0.004	0.036	0.904	0.997
hsa-miR-28	0.004	0.037	0.905	0.997
hsa-miR-10	0.006	0.053	0.907	0.997
hsa-miR-37	-0.02	0.171	0.908	0.997
hsa-miR-50	0.015	0.128	0.908	0.997
hsa-miR-13	0.006	0.049	0.909	0.997
hsa-miR-47	0.012	0.109	0.912	0.997
hsa-miR-66	0.007	0.062	0.913	0.997
hsa-miR-12	-0.005	0.049	0.913	0.997
hsa-miR-37	0.005	0.043	0.914	0.997
hsa-miR-18	0.004	0.038	0.916	0.997
hsa-miR-10	0.011	0.101	0.917	0.997
hsa-miR-13	-0.006	0.061	0.919	0.997
hsa-miR-24	0.004	0.044	0.919	0.997
hsa-miR-13	-0.011	0.112	0.92	0.997
hsa-miR-15	0.006	0.057	0.92	0.997
hsa-miR-48	0.007	0.072	0.921	0.997
hsa-miR-19	-0.009	0.087	0.921	0.997
hsa-miR-45	0.01	0.102	0.922	0.997
hsa-miR-58	-0.006	0.063	0.922	0.997
hsa-miR-13	0.009	0.093	0.923	0.997
hsa-miR-10	0.004	0.038	0.923	0.997
hsa-miR-77	-0.007	0.074	0.925	0.997
hsa-miR-46	-0.013	0.143	0.927	0.997
hsa-miR-54	0.008	0.085	0.927	0.997
hsa-miR-31	-0.011	0.126	0.928	0.997
hsa-miR-15	0.004	0.044	0.929	0.997
hsa-miR-54	-0.004	0.049	0.932	0.997
hsa-miR-14	-0.004	0.048	0.933	0.997
hsa-miR-30	0.003	0.037	0.935	0.997
hsa-miR-53	-0.004	0.054	0.936	0.997
hsa-miR-12	-0.004	0.052	0.937	0.997
hsa-miR-56	0.011	0.148	0.938	0.997
hsa-miR-48	-0.008	0.107	0.939	0.997
hsa-miR-43	-0.003	0.043	0.94	0.997
hsa-miR-65	-0.007	0.092	0.941	0.997
hsa-miR-87	0.01	0.138	0.943	0.997
hsa-miR-66	-0.003	0.048	0.944	0.997

hsa-miR-12	-0.009	0.134	0.947	0.997
hsa-miR-37	0.01	0.154	0.948	0.997
hsa-miR-12	0.075	1.182	0.949	0.997
hsa-miR-88	-0.005	0.072	0.949	0.997
hsa-miR-25	0.004	0.057	0.95	0.997
hsa-miR-50	-0.008	0.129	0.952	0.997
hsa-miR-39	-0.005	0.088	0.953	0.997
hsa-miR-76	-0.009	0.151	0.954	0.997
hsa-miR-49	-0.003	0.046	0.956	0.997
hsa-miR-65	0.008	0.14	0.956	0.997
hsa-miR-18	0.003	0.052	0.957	0.997
hsa-miR-65	-0.004	0.08	0.957	0.997
hsa-miR-67	0.003	0.054	0.96	0.997
hsa-miR-15	0.002	0.032	0.96	0.997
hsa-let-7i-5	0.003	0.069	0.96	0.997
hsa-miR-46	0.006	0.116	0.961	0.997
hsa-miR-10	0.003	0.058	0.961	0.997
hsa-miR-36	0.002	0.041	0.962	0.997
hsa-miR-19	0.003	0.068	0.962	0.997
hsa-miR-19	0.005	0.096	0.963	0.997
hsa-miR-52	-0.002	0.035	0.965	0.997
hsa-miR-46	-0.003	0.075	0.965	0.997
hsa-miR-34	0.003	0.062	0.965	0.997
hsa-miR-51	-0.004	0.091	0.966	0.997
hsa-miR-54	0.004	0.091	0.966	0.997
hsa-miR-54	0.002	0.048	0.968	0.997
hsa-miR-29	0.001	0.033	0.969	0.997
hsa-miR-49	0.001	0.032	0.973	0.997
hsa-miR-32	-0.001	0.044	0.974	0.997
hsa-miR-99	-0.003	0.09	0.975	0.997
hsa-miR-20	0.003	0.126	0.979	0.997
hsa-miR-13	-0.002	0.075	0.98	0.997
hsa-miR-93	-0.001	0.034	0.98	0.997
hsa-miR-43	0.001	0.059	0.982	0.997
hsa-miR-14	-0.001	0.041	0.982	0.997
hsa-miR-36	0.001	0.057	0.982	0.997
hsa-miR-42	0.001	0.037	0.983	0.997
hsa-miR-65	0.001	0.075	0.985	0.997
hsa-miR-65	0.002	0.119	0.985	0.997
hsa-let-7f-1	0.002	0.14	0.986	0.997
hsa-miR-56	0.003	0.155	0.986	0.997
hsa-miR-76	-0.001	0.051	0.988	0.997
hsa-miR-23	-0.001	0.088	0.988	0.997
hsa-miR-24	0	0.038	0.99	0.997
hsa-miR-19	0	0.038	0.99	0.997
hsa-miR-12	-0.003	0.303	0.991	0.997
hsa-miR-30	0	0.068	0.994	0.998
hsa-miR-10	0	0.054	0.995	0.998
hsa-miR-37	0	0.07	0.996	0.998
hsa-miR-20	0	0.042	0.997	0.998

hsa-miR-21	0	0.064	1	1

microRNA	log2FoldCh	lfcSE	p-Value	FDR
hsa-miR-50	0.273	0.067	0.00004	0.033
hsa-miR-10	-0.287	0.077	0.0002	0.054
hsa-miR-10	-0.313	0.084	0.0002	0.054
hsa-miR-50	0.32	0.09	0.0004	0.072
hsa-miR-19	0.173	0.05	0.0006	0.089
hsa-miR-12	-0.244	0.075	0.0012	0.138
hsa-miR-51	0.216	0.067	0.0012	0.138
hsa-miR-99	0.15	0.051	0.0032	0.256
hsa-miR-36	0.118	0.04	0.0033	0.256
hsa-miR-36	0.118	0.04	0.0033	0.256
hsa-miR-95	-0.24	0.084	0.0045	0.316
hsa-miR-50	0.237	0.085	0.0054	0.338
hsa-miR-54	0.191	0.069	0.0056	0.338
hsa-miR-19	-0.071	0.027	0.0081	0.449
hsa-miR-30	-0.107	0.041	0.0087	0.451
hsa-miR-51	0.188	0.073	0.0094	0.451
hsa-miR-36	0.134	0.052	0.0099	0.451
hsa-miR-30	0.061	0.024	0.0113	0.455
hsa-miR-47	-0.159	0.063	0.0123	0.455
hsa-miR-16	-0.095	0.038	0.0129	0.455
hsa-miR-19	0.145	0.058	0.0131	0.455
hsa-miR-52	0.053	0.021	0.0132	0.455
hsa-miR-34	-0.056	0.023	0.0141	0.455
hsa-miR-13	0.058	0.023	0.0141	0.455
hsa-miR-51	0.053	0.022	0.0176	0.455
hsa-miR-51	0.053	0.022	0.0176	0.455
hsa-miR-51	0.053	0.022	0.0176	0.455
hsa-miR-52	0.053	0.022	0.0176	0.455
hsa-miR-52	0.053	0.022	0.0176	0.455
hsa-miR-22	-0.1	0.042	0.0176	0.455
hsa-miR-30	-0.089	0.038	0.0182	0.455
hsa-miR-24	-0.061	0.026	0.0187	0.455
hsa-miR-19	-0.079	0.034	0.0202	0.475
hsa-miR-51	0.047	0.02	0.0211	0.482
hsa-miR-51	0.053	0.023	0.0223	0.485
hsa-miR-30	0.026	0.011	0.0232	0.485
hsa-miR-14	-0.039	0.017	0.0237	0.485
hsa-miR-51	0.049	0.021	0.0238	0.485
hsa-miR-51	0.044	0.02	0.0257	0.485
hsa-miR-30	-0.084	0.038	0.0261	0.485
hsa-miR-51	0.042	0.019	0.0262	0.485
hsa-miR-52	0.042	0.019	0.0262	0.485
hsa-miR-31	0.086	0.039	0.0277	0.5
hsa-miR-30	0.041	0.019	0.0307	0.531
hsa-miR-52	0.043	0.02	0.0307	0.531
hsa-miR-50	0.171	0.08	0.0333	0.545
hsa-miR-62	0.083	0.039	0.0335	0.545
hsa-miR-12	0.103	0.049	0.0342	0.545
hsa-miR-45	-0.078	0.037	0.0344	0.545

hsa-miR-49	-0.079	0.038	0.0374	0.581
hsa-miR-27	0.034	0.017	0.0385	0.587
hsa-miR-52	0.044	0.021	0.0395	0.59
hsa-miR-12	-0.061	0.03	0.0413	0.594
hsa-miR-14	-0.059	0.029	0.042	0.594
hsa-miR-54	-0.063	0.031	0.0437	0.594
hsa-miR-29	-0.05	0.025	0.0446	0.594
hsa-miR-54	0.045	0.022	0.0448	0.594
hsa-miR-52	0.04	0.02	0.0449	0.594
hsa-miR-48	0.079	0.04	0.0455	0.594
hsa-miR-57	0.045	0.023	0.046	0.594
hsa-miR-36	0.047	0.024	0.0467	0.594
hsa-miR-19	-0.088	0.045	0.0491	0.608
hsa-miR-51	0.045	0.023	0.0498	0.608
hsa-miR-34	-0.045	0.023	0.0517	0.608
hsa-miR-24	0.037	0.019	0.0532	0.608
hsa-miR-49	0.035	0.018	0.0537	0.608
hsa-miR-52	0.049	0.025	0.0538	0.608
hsa-miR-19	-0.047	0.025	0.0546	0.608
hsa-miR-12	0.054	0.028	0.056	0.608
hsa-miR-52	0.069	0.036	0.0571	0.608
hsa-miR-56	0.14	0.074	0.0573	0.608
hsa-miR-13	-0.045	0.024	0.0587	0.608
hsa-miR-45	-0.046	0.024	0.0592	0.608
hsa-miR-30	-0.039	0.021	0.0603	0.608
hsa-miR-21	-0.125	0.067	0.0615	0.608
hsa-miR-51	0.037	0.02	0.0618	0.608
hsa-miR-52	0.037	0.02	0.0619	0.608
hsa-miR-52	0.072	0.039	0.0622	0.608
hsa-miR-52	0.036	0.02	0.0626	0.608
hsa-miR-33	-0.059	0.032	0.0633	0.608
hsa-miR-51	0.043	0.023	0.0634	0.608
hsa-miR-67	-0.159	0.087	0.0662	0.62
hsa-miR-29	0.073	0.04	0.0662	0.62
hsa-miR-44	-0.106	0.058	0.0682	0.62
hsa-miR-42	0.046	0.025	0.0692	0.62
hsa-miR-22	-0.077	0.043	0.0707	0.62
hsa-miR-52	0.037	0.02	0.0718	0.62
hsa-miR-45	-0.04	0.022	0.0722	0.62
hsa-miR-51	0.033	0.019	0.0733	0.62
hsa-miR-12	0.24	0.134	0.0738	0.62
hsa-miR-45	-0.043	0.024	0.0748	0.62
hsa-miR-51	0.055	0.031	0.0752	0.62
hsa-miR-58	-0.068	0.038	0.0758	0.62
hsa-miR-67	0.095	0.054	0.0769	0.62
hsa-miR-51	0.045	0.026	0.0785	0.62
hsa-miR-34	-0.046	0.026	0.0788	0.62
hsa-miR-30	0.034	0.02	0.079	0.62
hsa-miR-36	-0.089	0.051	0.0802	0.62
hsa-miR-51	0.04	0.023	0.0807	0.62

hsa-miR-52	0.048	0.028	0.0822	0.62
hsa-miR-18	-0.033	0.019	0.0832	0.62
hsa-miR-30	0.035	0.02	0.0836	0.62
hsa-miR-19	-0.038	0.022	0.0837	0.62
hsa-miR-70	-0.128	0.074	0.0842	0.62
hsa-miR-10	-0.04	0.023	0.0848	0.62
hsa-miR-54	0.061	0.036	0.0849	0.62
hsa-miR-62	-0.045	0.026	0.0854	0.62
hsa-miR-36	0.069	0.04	0.0884	0.629
hsa-miR-52	0.031	0.018	0.0889	0.629
hsa-miR-13	0.054	0.032	0.0891	0.629
hsa-miR-65	-0.062	0.037	0.0901	0.631
hsa-miR-31	0.073	0.043	0.0917	0.636
hsa-miR-30	-0.074	0.044	0.0936	0.639
hsa-miR-49	0.051	0.03	0.0937	0.639
hsa-miR-47	0.06	0.036	0.0971	0.656
hsa-miR-12	0.062	0.038	0.1002	0.667
hsa-miR-20	0.12	0.073	0.1004	0.667
hsa-miR-27	-0.036	0.022	0.1019	0.67
hsa-miR-19	-0.068	0.042	0.1027	0.67
hsa-miR-33	-0.061	0.037	0.1034	0.67
hsa-miR-76	-0.068	0.042	0.1081	0.692
hsa-let-7g-3	-0.078	0.048	0.1086	0.692
hsa-miR-52	0.036	0.023	0.1098	0.694
hsa-miR-49	0.053	0.033	0.1127	0.705
hsa-miR-21	0.069	0.044	0.1153	0.705
hsa-miR-45	-0.027	0.017	0.1154	0.705
hsa-miR-12	0.043	0.028	0.1157	0.705
hsa-miR-51	0.029	0.019	0.1175	0.705
hsa-miR-30	0.029	0.018	0.1176	0.705
hsa-miR-94	-0.039	0.025	0.118	0.705
hsa-miR-21	-0.072	0.046	0.1188	0.705
hsa-miR-62	0.033	0.021	0.1208	0.71
hsa-miR-65	-0.059	0.038	0.1216	0.71
hsa-miR-99	-0.034	0.022	0.1229	0.713
hsa-miR-51	0.032	0.021	0.1269	0.719
hsa-miR-51	0.032	0.021	0.1269	0.719
hsa-miR-26	0.015	0.01	0.1278	0.719
hsa-miR-65	0.065	0.043	0.1282	0.719
hsa-miR-22	-0.06	0.04	0.1286	0.719
hsa-miR-15	-0.076	0.05	0.1302	0.723
hsa-miR-10	-0.044	0.03	0.1323	0.728
hsa-miR-36	0.027	0.018	0.133	0.728
hsa-miR-51	0.03	0.02	0.1344	0.729
hsa-miR-48	0.071	0.048	0.1351	0.729
hsa-let-7e-3	0.029	0.02	0.1393	0.738
hsa-miR-13	-0.051	0.035	0.1397	0.738
hsa-miR-42	0.038	0.026	0.141	0.738
hsa-miR-14	-0.087	0.059	0.141	0.738
hsa-miR-33	-0.029	0.02	0.143	0.738

hsa-miR-54	-0.042	0.029	0.1432	0.738
hsa-miR-13	0.064	0.044	0.1442	0.738
hsa-miR-13	-0.036	0.025	0.1443	0.738
hsa-miR-34	-0.036	0.025	0.1466	0.744
hsa-miR-48	-0.041	0.028	0.1482	0.747
hsa-miR-54	-0.033	0.023	0.1494	0.749
hsa-miR-18	-0.041	0.028	0.1517	0.755
hsa-miR-19	0.02	0.014	0.1533	0.759
hsa-miR-51	0.026	0.018	0.1552	0.763
hsa-miR-23	0.028	0.02	0.158	0.772
hsa-miR-14	-0.066	0.047	0.162	0.779
hsa-miR-67	-0.032	0.023	0.1625	0.779
hsa-miR-13	-0.061	0.044	0.1643	0.779
hsa-miR-44	0.099	0.072	0.1659	0.779
hsa-miR-54	-0.039	0.028	0.1682	0.779
hsa-miR-33	-0.029	0.021	0.1683	0.779
hsa-miR-75	-0.029	0.021	0.1684	0.779
hsa-miR-49	-0.047	0.035	0.1699	0.779
hsa-miR-32	-0.036	0.026	0.1707	0.779
hsa-miR-21	-0.075	0.055	0.1715	0.779
hsa-miR-15	-0.045	0.033	0.1729	0.779
hsa-miR-49	0.064	0.047	0.1746	0.779
hsa-miR-20	0.084	0.062	0.1747	0.779
hsa-miR-42	-0.018	0.013	0.1756	0.779
hsa-miR-12	0.08	0.059	0.1786	0.779
hsa-miR-54	-0.037	0.027	0.1798	0.779
hsa-miR-12	0.047	0.035	0.1826	0.779
hsa-miR-54	0.097	0.073	0.1833	0.779
hsa-miR-50	-0.059	0.045	0.1842	0.779
hsa-miR-51	0.031	0.023	0.1845	0.779
hsa-miR-23	-0.056	0.042	0.1849	0.779
hsa-miR-61	0.051	0.039	0.1875	0.779
hsa-miR-14	-0.053	0.04	0.1883	0.779
hsa-miR-36	-0.063	0.048	0.1885	0.779
hsa-miR-54	-0.046	0.035	0.1889	0.779
hsa-miR-13	0.044	0.033	0.189	0.779
hsa-miR-14	-0.031	0.024	0.1914	0.779
hsa-miR-51	-0.056	0.043	0.194	0.779
hsa-miR-42	-0.022	0.017	0.1944	0.779
hsa-miR-15	-0.05	0.039	0.1944	0.779
hsa-miR-12	0.052	0.04	0.1944	0.779
hsa-miR-15	-0.038	0.03	0.1951	0.779
hsa-miR-59	0.029	0.022	0.1954	0.779
hsa-miR-44	0.103	0.08	0.1963	0.779
hsa-miR-50	0.022	0.017	0.1982	0.779
hsa-miR-88	-0.039	0.031	0.1987	0.779
hsa-let-7f-1	-0.081	0.064	0.1996	0.779
hsa-miR-39	0.058	0.045	0.2011	0.779
hsa-miR-12	0.037	0.029	0.2018	0.779
hsa-miR-51	0.027	0.021	0.2026	0.779

hsa-miR-10	0.059	0.046	0.2029	0.779
hsa-miR-12	0.049	0.038	0.2038	0.779
hsa-miR-14	-0.072	0.056	0.204	0.779
hsa-miR-31	-0.083	0.065	0.2043	0.779
hsa-miR-11	-0.055	0.044	0.2045	0.779
hsa-miR-42	-0.023	0.018	0.2067	0.784
hsa-miR-15	-0.049	0.039	0.2111	0.794
hsa-miR-39	0.042	0.034	0.2115	0.794
hsa-miR-51	0.036	0.029	0.2137	0.798
hsa-miR-65	0.029	0.023	0.2156	0.801
hsa-miR-32	-0.052	0.043	0.2185	0.804
hsa-miR-49	-0.042	0.034	0.2203	0.804
hsa-miR-22	-0.055	0.045	0.2208	0.804
hsa-miR-52	0.026	0.021	0.223	0.804
hsa-miR-31	0.052	0.043	0.2232	0.804
hsa-miR-62	0.032	0.026	0.224	0.804
hsa-miR-49	-0.03	0.024	0.2254	0.804
hsa-miR-21	-0.023	0.019	0.2255	0.804
hsa-miR-12	-0.073	0.06	0.2264	0.804
hsa-miR-33	-0.037	0.031	0.2266	0.804
hsa-miR-37	0.031	0.026	0.2302	0.811
hsa-miR-31	0.055	0.046	0.2307	0.811
hsa-miR-32	0.035	0.03	0.233	0.815
hsa-miR-48	0.033	0.028	0.2339	0.815
hsa-miR-13	-0.038	0.032	0.2371	0.816
hsa-miR-53	0.044	0.037	0.2381	0.816
hsa-miR-12	0.081	0.069	0.2388	0.816
hsa-miR-68	-0.058	0.049	0.2402	0.816
hsa-miR-33	-0.038	0.032	0.2404	0.816
hsa-miR-45	-0.027	0.023	0.2407	0.816
hsa-miR-61	0.077	0.066	0.2416	0.816
hsa-miR-52	0.026	0.022	0.2441	0.821
hsa-miR-64	-0.14	0.121	0.2462	0.825
hsa-miR-45	-0.073	0.064	0.2486	0.826
hsa-miR-54	-0.034	0.029	0.2488	0.826
hsa-miR-50	0.029	0.025	0.2526	0.835
hsa-miR-32	-0.024	0.022	0.2587	0.852
hsa-miR-53	0.043	0.039	0.2637	0.864
hsa-miR-66	0.02	0.018	0.2717	0.871
hsa-miR-42	0.045	0.041	0.2717	0.871
hsa-miR-54	-0.026	0.024	0.2725	0.871
hsa-miR-45	-0.023	0.021	0.2734	0.871
hsa-miR-54	-0.043	0.039	0.2737	0.871
hsa-miR-76	0.041	0.037	0.2747	0.871
hsa-miR-20	-0.047	0.043	0.2767	0.871
hsa-miR-61	0.044	0.04	0.2796	0.871
hsa-miR-32	0.024	0.022	0.2822	0.871
hsa-miR-58	-0.058	0.054	0.2834	0.871
hsa-miR-59	0.045	0.042	0.284	0.871
hsa-miR-54	0.028	0.026	0.284	0.871

hsa-miR-15	0.017	0.016	0.2864	0.871
hsa-miR-51	0.022	0.02	0.2866	0.871
hsa-miR-34	0.037	0.035	0.2876	0.871
hsa-let-7c-5	-0.031	0.029	0.2878	0.871
hsa-miR-57	-0.042	0.039	0.2883	0.871
hsa-miR-76	-0.046	0.043	0.2887	0.871
hsa-miR-14	-0.019	0.018	0.2897	0.871
hsa-miR-18	-0.039	0.037	0.2903	0.871
hsa-miR-19	-0.057	0.054	0.2915	0.871
hsa-miR-36	0.041	0.039	0.2918	0.871
hsa-miR-50	0.018	0.017	0.2918	0.871
hsa-miR-52	-0.027	0.026	0.2925	0.871
hsa-miR-12	-0.017	0.016	0.2955	0.872
hsa-miR-23	0.025	0.024	0.2955	0.872
hsa-miR-20	0.015	0.015	0.2961	0.872
hsa-miR-57	0.027	0.026	0.2979	0.873
hsa-miR-22	-0.036	0.035	0.3005	0.877
hsa-miR-14	0.032	0.031	0.3018	0.877
hsa-miR-36	-0.081	0.079	0.3039	0.877
hsa-miR-14	-0.035	0.034	0.3068	0.877
hsa-miR-37	-0.019	0.019	0.3099	0.877
hsa-miR-54	0.03	0.03	0.3103	0.877
hsa-miR-99	-0.04	0.04	0.3108	0.877
hsa-miR-54	-0.026	0.026	0.312	0.877
hsa-miR-12	-0.029	0.029	0.3121	0.877
hsa-miR-43	-0.043	0.043	0.3124	0.877
hsa-miR-55	0.046	0.045	0.3129	0.877
hsa-miR-14	-0.063	0.063	0.3148	0.877
hsa-miR-54	-0.048	0.048	0.3161	0.877
hsa-miR-12	-0.022	0.022	0.3174	0.877
hsa-miR-13	0.04	0.04	0.3183	0.877
hsa-miR-46	-0.045	0.045	0.3193	0.877
hsa-miR-54	-0.027	0.027	0.3196	0.877
hsa-miR-26	0.016	0.016	0.3199	0.877
hsa-miR-21	0.034	0.034	0.3204	0.877
hsa-miR-59	0.021	0.021	0.3252	0.886
hsa-miR-19	0.029	0.03	0.3268	0.886
hsa-miR-58	-0.031	0.031	0.3271	0.886
hsa-miR-51	0.02	0.021	0.3318	0.892
hsa-miR-10	-0.028	0.029	0.3345	0.892
hsa-miR-14	-0.027	0.028	0.3365	0.892
hsa-miR-65	-0.033	0.035	0.338	0.892
hsa-miR-21	-0.025	0.027	0.3397	0.892
hsa-miR-21	-0.027	0.029	0.3404	0.892
hsa-miR-54	-0.029	0.031	0.341	0.892
hsa-miR-18	-0.021	0.022	0.3426	0.892
hsa-miR-17	-0.019	0.02	0.3427	0.892
hsa-miR-18	-0.029	0.03	0.3435	0.892
hsa-miR-18	-0.031	0.033	0.3444	0.892
hsa-miR-11	-0.032	0.033	0.3449	0.892

hsa-miR-93	0.024	0.025	0.345	0.892
hsa-miR-37	0.018	0.019	0.3457	0.892
hsa-miR-62	0.028	0.03	0.3484	0.896
hsa-miR-19	-0.061	0.065	0.3495	0.896
hsa-miR-36	-0.023	0.025	0.3536	0.898
hsa-miR-33	-0.029	0.032	0.3558	0.898
hsa-miR-18	0.035	0.038	0.3566	0.898
hsa-miR-10	-0.023	0.025	0.3567	0.898
hsa-miR-21	-0.034	0.036	0.3572	0.898
hsa-miR-31	0.071	0.077	0.358	0.898
hsa-miR-99	-0.032	0.035	0.3583	0.898
hsa-miR-13	-0.022	0.024	0.3609	0.898
hsa-miR-51	0.02	0.022	0.3627	0.898
hsa-miR-65	0.029	0.032	0.3645	0.898
hsa-miR-37	-0.033	0.037	0.3666	0.898
hsa-miR-7-!	-0.026	0.029	0.3668	0.898
hsa-miR-43	0.031	0.035	0.3693	0.898
hsa-miR-36	0.063	0.071	0.3699	0.898
hsa-miR-30	-0.03	0.033	0.3699	0.898
hsa-miR-21	-0.04	0.044	0.3705	0.898
hsa-miR-66	0.034	0.039	0.3711	0.898
hsa-miR-46	0.042	0.047	0.3712	0.898
hsa-miR-50	0.026	0.029	0.3724	0.899
hsa-miR-20	0.03	0.034	0.3739	0.899
hsa-miR-47	-0.058	0.066	0.3777	0.9
hsa-miR-30	0.018	0.021	0.3788	0.9
hsa-miR-51	-0.058	0.066	0.3789	0.9
hsa-miR-87	0.041	0.047	0.3793	0.9
hsa-miR-33	-0.026	0.03	0.3798	0.9
hsa-miR-11	-0.028	0.032	0.384	0.906
hsa-miR-51	-0.058	0.066	0.3857	0.906
hsa-miR-18	0.049	0.057	0.3862	0.906
hsa-miR-58	-0.024	0.028	0.3871	0.906
hsa-miR-54	-0.029	0.034	0.3921	0.914
hsa-miR-50	0.016	0.019	0.3928	0.914
hsa-miR-57	0.032	0.038	0.3946	0.915
hsa-miR-21	0.043	0.051	0.3987	0.92
hsa-miR-99	0.014	0.017	0.3992	0.92
hsa-miR-99	0.011	0.014	0.4025	0.925
hsa-miR-16	-0.029	0.035	0.4056	0.926
hsa-miR-74	0.026	0.031	0.4064	0.926
hsa-miR-92	0.038	0.046	0.4076	0.926
hsa-miR-88	0.028	0.034	0.41	0.926
hsa-miR-22	-0.025	0.031	0.4127	0.926
hsa-miR-65	0.017	0.02	0.4131	0.926
hsa-miR-54	-0.035	0.043	0.4135	0.926
hsa-miR-50	0.035	0.043	0.4136	0.926
hsa-miR-12	-0.036	0.044	0.4182	0.926
hsa-miR-10	-0.04	0.05	0.4187	0.926
hsa-let-7d-:	0.046	0.057	0.4206	0.926

hsa-miR-12	-0.025	0.032	0.4207	0.926
hsa-miR-10	0.027	0.033	0.4208	0.926
hsa-miR-15	-0.062	0.078	0.4209	0.926
hsa-miR-45	-0.028	0.035	0.4209	0.926
hsa-miR-42	0.024	0.03	0.4228	0.928
hsa-miR-25	0.023	0.029	0.426	0.931
hsa-miR-31	-0.031	0.039	0.4272	0.931
hsa-miR-50	0.017	0.022	0.4289	0.931
hsa-miR-54	-0.033	0.042	0.4297	0.931
hsa-miR-29	-0.037	0.047	0.4311	0.931
hsa-miR-52	0.018	0.023	0.4313	0.931
hsa-miR-30	-0.022	0.028	0.4354	0.932
hsa-miR-45	-0.024	0.031	0.4363	0.932
hsa-miR-65	0.039	0.05	0.4387	0.932
hsa-miR-47	-0.024	0.032	0.4409	0.932
hsa-miR-13	-0.037	0.049	0.4425	0.932
hsa-miR-46	-0.025	0.032	0.4437	0.932
hsa-miR-31	0.029	0.038	0.4442	0.932
hsa-miR-10	0.028	0.037	0.4454	0.932
hsa-let-7e-5	0.012	0.016	0.447	0.932
hsa-miR-47	0.03	0.039	0.4473	0.932
hsa-miR-18	0.027	0.035	0.4476	0.932
hsa-miR-13	0.041	0.054	0.4482	0.932
hsa-miR-57	0.025	0.033	0.4487	0.932
hsa-let-7a-3	-0.015	0.02	0.4495	0.932
hsa-miR-31	0.04	0.053	0.4509	0.932
hsa-miR-13	-0.033	0.043	0.4509	0.932
hsa-miR-96	0.033	0.045	0.4576	0.941
hsa-miR-12	0.021	0.028	0.4578	0.941
hsa-miR-14	-0.032	0.043	0.4659	0.945
hsa-miR-19	-0.02	0.027	0.4677	0.945
hsa-miR-50	-0.019	0.027	0.4683	0.945
hsa-miR-47	-0.058	0.08	0.4697	0.945
hsa-miR-20	0.057	0.079	0.4705	0.945
hsa-miR-54	-0.086	0.12	0.4706	0.945
hsa-miR-18	-0.032	0.045	0.4715	0.945
hsa-miR-21	0.022	0.031	0.4747	0.945
hsa-miR-66	0.016	0.023	0.4748	0.945
hsa-miR-48	-0.028	0.039	0.4763	0.945
hsa-miR-98	0.042	0.059	0.4804	0.945
hsa-miR-56	0.026	0.037	0.4808	0.945
hsa-miR-87	0.036	0.052	0.484	0.945
hsa-miR-21	-0.357	0.511	0.4844	0.945
hsa-miR-66	-0.018	0.025	0.4858	0.945
hsa-miR-34	-0.017	0.025	0.486	0.945
hsa-miR-19	-0.018	0.026	0.4871	0.945
hsa-miR-66	0.015	0.022	0.4873	0.945
hsa-miR-51	0.015	0.022	0.4875	0.945
hsa-miR-33	-0.017	0.024	0.4887	0.945
hsa-miR-65	0.014	0.021	0.4904	0.945

hsa-miR-51	0.021	0.031	0.4943	0.945
hsa-miR-13	0.045	0.067	0.4946	0.945
hsa-miR-54	-0.043	0.063	0.4965	0.945
hsa-miR-12	0.02	0.03	0.4968	0.945
hsa-miR-77	0.02	0.029	0.4971	0.945
hsa-miR-49	0.053	0.077	0.4972	0.945
hsa-miR-15	-0.017	0.025	0.5	0.945
hsa-miR-76	-0.012	0.018	0.5014	0.945
hsa-miR-12	-0.021	0.032	0.5028	0.945
hsa-miR-14	0.017	0.025	0.5033	0.945
hsa-miR-15	0.016	0.025	0.5049	0.945
hsa-miR-29	0.024	0.036	0.5053	0.945
hsa-miR-13	-0.018	0.028	0.509	0.945
hsa-miR-19	-0.02	0.03	0.5097	0.945
hsa-miR-12	0.014	0.022	0.511	0.945
hsa-miR-51	-0.013	0.02	0.5112	0.945
hsa-miR-58	-0.022	0.033	0.5117	0.945
hsa-miR-46	-0.038	0.057	0.5136	0.945
hsa-miR-54	0.016	0.025	0.5144	0.945
hsa-miR-62	-0.016	0.024	0.515	0.945
hsa-miR-48	-0.021	0.032	0.5158	0.945
hsa-miR-36	-0.012	0.018	0.518	0.945
hsa-miR-50	-0.015	0.023	0.5187	0.945
hsa-miR-37	-0.026	0.04	0.5198	0.945
hsa-miR-37	0.018	0.028	0.5215	0.945
hsa-miR-54	-0.021	0.032	0.5223	0.945
hsa-miR-9-5	0.029	0.045	0.5226	0.945
hsa-miR-19	-0.055	0.085	0.5227	0.945
hsa-miR-14	-0.012	0.019	0.5231	0.945
hsa-miR-16	-0.02	0.031	0.5255	0.945
hsa-miR-66	-0.022	0.036	0.5268	0.945
hsa-miR-37	0.018	0.028	0.5268	0.945
hsa-miR-37	0.015	0.024	0.5274	0.945
hsa-let-7b-3	-0.03	0.048	0.5288	0.945
hsa-miR-76	-0.03	0.047	0.5293	0.945
hsa-miR-15	-0.023	0.037	0.53	0.945
hsa-miR-14	-0.024	0.039	0.5327	0.945
hsa-miR-18	-0.014	0.022	0.5333	0.945
hsa-miR-34	-0.03	0.049	0.5334	0.945
hsa-miR-93	-0.014	0.022	0.5342	0.945
hsa-miR-37	-0.016	0.026	0.5362	0.945
hsa-miR-56	0.024	0.039	0.5378	0.945
hsa-miR-67	0.015	0.024	0.5384	0.945
hsa-miR-32	-0.013	0.021	0.5388	0.945
hsa-miR-45	0.033	0.053	0.5408	0.945
hsa-miR-62	-0.015	0.024	0.5425	0.945
hsa-miR-32	0.02	0.032	0.5432	0.945
hsa-miR-12	-0.02	0.033	0.5442	0.945
hsa-miR-19	-0.032	0.053	0.5466	0.945
hsa-miR-52	0.017	0.028	0.5496	0.945

hsa-miR-37	-0.018	0.03	0.5509	0.945
hsa-miR-37	-0.014	0.024	0.5521	0.945
hsa-miR-43	-0.02	0.033	0.5525	0.945
hsa-miR-54	-0.014	0.023	0.5529	0.945
hsa-miR-39	0.029	0.049	0.553	0.945
hsa-miR-32	0.025	0.042	0.5547	0.945
hsa-miR-48	0.016	0.028	0.5549	0.945
hsa-miR-65	-0.015	0.026	0.5572	0.946
hsa-miR-20	0.019	0.033	0.558	0.946
hsa-miR-32	0.016	0.027	0.5605	0.946
hsa-miR-65	0.031	0.053	0.5608	0.946
hsa-miR-36	-0.022	0.039	0.5618	0.946
hsa-miR-29	-0.014	0.024	0.564	0.946
hsa-miR-19	0.011	0.02	0.5647	0.946
hsa-miR-54	-0.02	0.036	0.5651	0.946
hsa-miR-18	-0.018	0.032	0.5694	0.946
hsa-miR-37	0.015	0.027	0.5698	0.946
hsa-miR-51	0.019	0.033	0.5716	0.946
hsa-miR-36	-0.019	0.033	0.5717	0.946
hsa-let-7g-5	-0.02	0.036	0.5726	0.946
hsa-miR-20	0.011	0.019	0.5752	0.946
hsa-miR-9-3	0.025	0.045	0.5764	0.946
hsa-miR-12	-0.035	0.064	0.5771	0.946
hsa-miR-12	0.017	0.03	0.5777	0.946
hsa-miR-33	-0.013	0.023	0.581	0.946
hsa-miR-22	0.011	0.02	0.5811	0.946
hsa-miR-31	-0.02	0.035	0.5814	0.946
hsa-miR-52	0.016	0.029	0.5818	0.946
hsa-miR-49	0.012	0.022	0.5825	0.946
hsa-miR-55	-0.019	0.035	0.584	0.946
hsa-miR-37	-0.014	0.026	0.5855	0.946
hsa-let-7i-3	-0.025	0.046	0.5858	0.946
hsa-miR-94	0.015	0.027	0.5871	0.946
hsa-miR-20	-0.018	0.033	0.5879	0.946
hsa-miR-37	-0.013	0.024	0.5934	0.95
hsa-miR-23	0.029	0.056	0.5964	0.95
hsa-miR-59	-0.026	0.05	0.5978	0.95
hsa-miR-39	0.066	0.126	0.5982	0.95
hsa-miR-54	0.013	0.024	0.6002	0.95
hsa-miR-47	-0.033	0.063	0.6002	0.95
hsa-miR-18	0.017	0.033	0.6011	0.95
hsa-miR-50	0.017	0.032	0.6017	0.95
hsa-miR-41	-0.015	0.028	0.6028	0.95
hsa-miR-40	0.013	0.025	0.6052	0.95
hsa-miR-14	-0.013	0.026	0.6069	0.95
hsa-miR-13	-0.008	0.016	0.6082	0.95
hsa-miR-53	0.009	0.018	0.6082	0.95
hsa-miR-45	-0.017	0.034	0.6083	0.95
hsa-miR-18	0.015	0.029	0.6099	0.95
hsa-miR-79	-0.015	0.028	0.6101	0.95

hsa-miR-19	-0.01	0.02	0.6137	0.952
hsa-miR-21	-0.264	0.524	0.6142	0.952
hsa-miR-12	0.023	0.047	0.6149	0.952
hsa-miR-37	0.033	0.067	0.617	0.953
hsa-miR-32	-0.029	0.058	0.6183	0.953
hsa-miR-37	-0.011	0.023	0.6215	0.956
hsa-miR-18	-0.013	0.027	0.6241	0.958
hsa-miR-51	-0.015	0.031	0.6264	0.96
hsa-miR-13	-0.025	0.052	0.6274	0.96
hsa-miR-37	-0.036	0.074	0.6315	0.963
hsa-miR-29	-0.013	0.028	0.6354	0.963
hsa-miR-43	0.039	0.083	0.6397	0.963
hsa-miR-29	-0.012	0.025	0.6403	0.963
hsa-miR-48	-0.029	0.062	0.6406	0.963
hsa-miR-19	-0.024	0.052	0.6423	0.963
hsa-miR-37	-0.01	0.021	0.6426	0.963
hsa-miR-10	-0.019	0.04	0.6455	0.963
hsa-miR-18	-0.006	0.014	0.6466	0.963
hsa-miR-47	0.017	0.038	0.6469	0.963
hsa-miR-49	-0.013	0.027	0.6469	0.963
hsa-miR-22	0.011	0.025	0.6489	0.963
hsa-miR-15	-0.012	0.026	0.6492	0.963
hsa-miR-12	-0.331	0.729	0.6501	0.963
hsa-miR-12	-0.013	0.029	0.6523	0.963
hsa-miR-29	-0.008	0.017	0.656	0.963
hsa-miR-48	0.013	0.03	0.6563	0.963
hsa-miR-50	0.104	0.235	0.6564	0.963
hsa-miR-47	-0.016	0.035	0.6573	0.963
hsa-miR-15	-0.023	0.051	0.6581	0.963
hsa-miR-93	0.008	0.018	0.6584	0.963
hsa-miR-19	0.009	0.021	0.659	0.963
hsa-miR-15	-0.019	0.043	0.659	0.963
hsa-miR-55	0.016	0.037	0.6596	0.963
hsa-miR-18	-0.02	0.046	0.6621	0.965
hsa-miR-23	-0.007	0.015	0.6642	0.965
hsa-miR-52	-0.012	0.029	0.6654	0.965
hsa-miR-25	-0.015	0.034	0.666	0.965
hsa-miR-10	-0.016	0.036	0.6686	0.965
hsa-miR-13	-0.018	0.042	0.6718	0.965
hsa-miR-98	0.022	0.051	0.6726	0.965
hsa-miR-10	0.009	0.021	0.6726	0.965
hsa-miR-54	-0.017	0.041	0.6749	0.965
hsa-miR-33	-0.011	0.027	0.6751	0.965
hsa-miR-12	0.037	0.089	0.6754	0.965
hsa-miR-19	0.01	0.025	0.6759	0.965
hsa-miR-38	-0.013	0.031	0.6783	0.965
hsa-miR-54	-0.017	0.04	0.6811	0.965
hsa-miR-54	-0.021	0.051	0.6814	0.965
hsa-miR-48	0.016	0.04	0.6841	0.965
hsa-miR-52	-0.011	0.026	0.6842	0.965

hsa-miR-14	0.017	0.042	0.6854	0.965
hsa-miR-27	-0.006	0.014	0.6874	0.965
hsa-miR-54	0.022	0.055	0.6907	0.965
hsa-miR-20	0.016	0.041	0.691	0.965
hsa-miR-31	0.027	0.068	0.6916	0.965
hsa-miR-48	0.012	0.029	0.692	0.965
hsa-miR-10	-0.009	0.023	0.6942	0.965
hsa-miR-43	0.013	0.033	0.6979	0.965
hsa-miR-14	-0.019	0.049	0.6987	0.965
hsa-miR-55	-0.02	0.051	0.6992	0.965
hsa-miR-37	-0.008	0.021	0.6995	0.965
hsa-miR-32	0.009	0.022	0.6996	0.965
hsa-miR-10	-0.021	0.054	0.7002	0.965
hsa-miR-42	0.015	0.04	0.7008	0.965
hsa-miR-12	0.016	0.041	0.7017	0.965
hsa-miR-38	0.011	0.029	0.703	0.965
hsa-miR-65	0.014	0.037	0.703	0.965
hsa-miR-54	0.014	0.037	0.7046	0.966
hsa-miR-27	0.018	0.048	0.7092	0.97
hsa-miR-76	-0.02	0.055	0.7109	0.97
hsa-miR-54	-0.015	0.04	0.7149	0.97
hsa-miR-93	-0.017	0.047	0.7162	0.97
hsa-miR-57	0.013	0.037	0.719	0.97
hsa-miR-7-:	0.009	0.024	0.7192	0.97
hsa-miR-47	-0.015	0.042	0.7219	0.97
hsa-miR-14	-0.014	0.041	0.726	0.97
hsa-miR-44	-0.011	0.03	0.7267	0.97
hsa-miR-44	0.087	0.25	0.7274	0.97
hsa-miR-18	0.016	0.046	0.7298	0.97
hsa-miR-21	-0.011	0.032	0.73	0.97
hsa-miR-49	0.028	0.082	0.7301	0.97
hsa-miR-36	-0.013	0.036	0.7302	0.97
hsa-miR-41	-0.024	0.069	0.7311	0.97
hsa-miR-33	-0.019	0.055	0.7311	0.97
hsa-miR-39	0.009	0.026	0.7311	0.97
hsa-miR-13	0.01	0.028	0.7329	0.97
hsa-miR-76	-0.016	0.046	0.7338	0.97
hsa-miR-29	0.01	0.031	0.7341	0.97
hsa-miR-49	0.009	0.027	0.7342	0.97
hsa-miR-57	0.007	0.02	0.7359	0.97
hsa-miR-19	-0.009	0.026	0.7363	0.97
hsa-miR-67	-0.013	0.039	0.746	0.979
hsa-miR-12	0.01	0.03	0.7474	0.979
hsa-miR-87	0.013	0.042	0.7498	0.979
hsa-miR-77	-0.01	0.03	0.7498	0.979
hsa-miR-21	0.011	0.035	0.7504	0.979
hsa-miR-15	0.006	0.02	0.7519	0.979
hsa-miR-36	-0.012	0.038	0.7525	0.979
hsa-miR-22	0.006	0.019	0.7567	0.982
hsa-miR-36	0.01	0.032	0.7579	0.982

hsa-miR-26	0.031	0.099	0.7582	0.982
hsa-miR-12	-0.018	0.06	0.7613	0.983
hsa-miR-13	-0.028	0.093	0.7628	0.983
hsa-miR-77	0.01	0.033	0.7652	0.983
hsa-miR-37	-0.009	0.03	0.7688	0.983
hsa-miR-21	0.009	0.031	0.7763	0.983
hsa-miR-37	-0.008	0.028	0.7783	0.983
hsa-miR-98	0.012	0.042	0.7784	0.983
hsa-miR-12	0.007	0.025	0.7802	0.983
hsa-miR-30	0.007	0.025	0.7813	0.983
hsa-miR-13	0.019	0.067	0.7819	0.983
hsa-miR-52	0.008	0.03	0.7826	0.983
hsa-miR-58	-0.011	0.039	0.7857	0.983
hsa-miR-34	0.007	0.027	0.7876	0.983
hsa-miR-52	-0.007	0.025	0.7883	0.983
hsa-miR-18	0.011	0.043	0.7895	0.983
hsa-miR-65	-0.014	0.053	0.7935	0.983
hsa-miR-36	0.008	0.031	0.7938	0.983
hsa-miR-10	-0.008	0.032	0.7943	0.983
hsa-miR-52	-0.007	0.028	0.795	0.983
hsa-miR-1-3	-0.012	0.046	0.795	0.983
hsa-miR-92	0.007	0.029	0.7955	0.983
hsa-miR-41	-0.025	0.097	0.7969	0.983
hsa-miR-37	0.006	0.025	0.7984	0.983
hsa-miR-58	-0.012	0.046	0.7988	0.983
hsa-let-7i-5	-0.011	0.044	0.8008	0.983
hsa-miR-20	0.007	0.029	0.8014	0.983
hsa-miR-18	-0.006	0.025	0.8015	0.983
hsa-let-7b-5	-0.01	0.041	0.8016	0.983
hsa-miR-36	0.005	0.02	0.8026	0.983
hsa-miR-12	0.014	0.056	0.8026	0.983
hsa-miR-18	-0.02	0.082	0.8033	0.983
hsa-miR-50	-0.01	0.041	0.8042	0.983
hsa-miR-65	0.006	0.025	0.8058	0.983
hsa-miR-14	-0.004	0.017	0.8058	0.983
hsa-miR-54	0.004	0.017	0.8068	0.983
hsa-miR-48	-0.014	0.058	0.8074	0.983
hsa-miR-18	0.01	0.041	0.8079	0.983
hsa-miR-21	0.01	0.04	0.8081	0.983
hsa-miR-36	0.006	0.024	0.8084	0.983
hsa-miR-61	0.014	0.058	0.81	0.983
hsa-miR-75	-0.008	0.033	0.8114	0.984
hsa-miR-54	-0.007	0.03	0.814	0.984
hsa-miR-30	0.005	0.023	0.8171	0.984
hsa-miR-65	0.006	0.026	0.8177	0.984
hsa-miR-12	0.009	0.038	0.8177	0.984
hsa-miR-49	-0.009	0.037	0.8194	0.984
hsa-miR-92	-0.008	0.037	0.8197	0.984
hsa-miR-40	-0.005	0.023	0.8208	0.984
hsa-miR-43	0.005	0.024	0.8238	0.986

hsa-miR-34	-0.011	0.05	0.8251	0.986
hsa-miR-54	0.004	0.017	0.827	0.986
hsa-miR-37	0.006	0.03	0.8299	0.986
hsa-miR-32	0.006	0.029	0.8326	0.986
hsa-miR-51	0.004	0.021	0.8331	0.986
hsa-miR-46	-0.006	0.028	0.8335	0.986
hsa-miR-22	0.008	0.038	0.8336	0.986
hsa-miR-53	-0.008	0.037	0.8381	0.986
hsa-miR-54	-0.008	0.038	0.8397	0.986
hsa-miR-31	-0.01	0.051	0.8406	0.986
hsa-miR-15	0.007	0.035	0.8414	0.986
hsa-miR-39	0.005	0.024	0.8433	0.986
hsa-miR-48	-0.013	0.067	0.8457	0.986
hsa-miR-13	-0.002	0.013	0.8465	0.986
hsa-miR-38	-0.006	0.029	0.8465	0.986
hsa-miR-11	0.008	0.04	0.8472	0.986
hsa-miR-33	0.003	0.016	0.8472	0.986
hsa-miR-12	0.009	0.046	0.8481	0.986
hsa-miR-62	0.004	0.022	0.8502	0.986
hsa-miR-66	-0.005	0.029	0.8509	0.986
hsa-miR-21	0.006	0.033	0.852	0.986
hsa-miR-87	0.009	0.048	0.853	0.986
hsa-miR-38	0.004	0.024	0.8531	0.986
hsa-miR-10	-0.002	0.013	0.8536	0.986
hsa-let-7d-!	-0.006	0.035	0.8595	0.99
hsa-let-7f-5	-0.007	0.037	0.8612	0.99
hsa-miR-54	-0.008	0.047	0.8613	0.99
hsa-miR-19	-0.003	0.019	0.8637	0.99
hsa-miR-26	0.005	0.028	0.8684	0.99
hsa-miR-36	0.004	0.022	0.8692	0.99
hsa-miR-54	-0.008	0.052	0.87	0.99
hsa-miR-19	-0.003	0.019	0.8701	0.99
hsa-miR-34	-0.008	0.048	0.871	0.99
hsa-miR-54	0.005	0.032	0.8743	0.99
hsa-miR-33	-0.003	0.02	0.8744	0.99
hsa-miR-65	0.006	0.035	0.8748	0.99
hsa-miR-37	-0.012	0.077	0.8761	0.99
hsa-miR-19	-0.004	0.029	0.8776	0.99
hsa-miR-51	0.011	0.075	0.879	0.99
hsa-miR-50	-0.004	0.027	0.8793	0.99
hsa-miR-46	-0.004	0.03	0.8804	0.99
hsa-miR-67	-0.005	0.032	0.8808	0.99
hsa-miR-32	0.005	0.033	0.8838	0.992
hsa-miR-23	0.003	0.022	0.8866	0.993
hsa-miR-12	0.004	0.028	0.8886	0.993
hsa-miR-54	0.005	0.038	0.8889	0.993
hsa-miR-32	0.004	0.029	0.8894	0.993
hsa-miR-18	0.005	0.04	0.898	0.994
hsa-miR-56	-0.005	0.039	0.8992	0.994
hsa-miR-28	0.002	0.017	0.8994	0.994

hsa-miR-65	-0.004	0.034	0.8994	0.994
hsa-miR-10	0.003	0.022	0.8997	0.994
hsa-miR-39	0.005	0.039	0.9	0.994
hsa-miR-14	0.003	0.028	0.901	0.994
hsa-miR-17	0.002	0.019	0.9022	0.994
hsa-miR-65	-0.005	0.04	0.9026	0.994
hsa-miR-41	-0.004	0.034	0.903	0.994
hsa-miR-54	0.002	0.018	0.9087	0.994
hsa-miR-94	0.004	0.036	0.9094	0.994
hsa-miR-29	-0.003	0.026	0.9119	0.994
hsa-miR-13	0.006	0.056	0.9144	0.994
hsa-miR-54	-0.004	0.039	0.915	0.994
hsa-miR-13	-0.002	0.024	0.9185	0.994
hsa-let-7f-2	-0.004	0.041	0.9193	0.994
hsa-miR-58	-0.004	0.04	0.9214	0.994
hsa-miR-37	-0.008	0.076	0.9214	0.994
hsa-miR-54	0.003	0.031	0.9263	0.994
hsa-miR-37	-0.006	0.061	0.9275	0.994
hsa-miR-30	0.002	0.024	0.9283	0.994
hsa-miR-38	-0.002	0.025	0.9292	0.994
hsa-miR-20	0.002	0.027	0.9303	0.994
hsa-miR-29	0.002	0.028	0.9326	0.994
hsa-miR-54	0.002	0.031	0.9355	0.994
hsa-miR-37	-0.008	0.1	0.9395	0.994
hsa-miR-50	-0.002	0.033	0.9431	0.994
hsa-miR-66	-0.002	0.033	0.9451	0.994
hsa-miR-54	0.003	0.052	0.9473	0.994
hsa-miR-22	0.001	0.017	0.9497	0.994
hsa-miR-13	0.002	0.034	0.9506	0.994
hsa-let-7a-5	-0.001	0.016	0.9517	0.994
hsa-miR-42	0.005	0.08	0.952	0.994
hsa-miR-64	0.002	0.029	0.9526	0.994
hsa-miR-87	0.003	0.058	0.9527	0.994
hsa-miR-54	-0.003	0.046	0.9527	0.994
hsa-miR-32	-0.002	0.032	0.9529	0.994
hsa-miR-51	0.002	0.031	0.9534	0.994
hsa-miR-11	-0.002	0.032	0.9537	0.994
hsa-miR-49	-0.001	0.026	0.9558	0.994
hsa-miR-52	0.002	0.039	0.9566	0.994
hsa-miR-22	-0.001	0.022	0.9575	0.994
hsa-miR-62	0.001	0.02	0.9582	0.994
hsa-miR-54	0.001	0.018	0.9587	0.994
hsa-miR-12	0.002	0.046	0.9596	0.994
hsa-miR-48	-0.002	0.039	0.9612	0.994
hsa-miR-32	0.002	0.032	0.9621	0.994
hsa-miR-11	0.001	0.027	0.9623	0.994
hsa-miR-43	-0.001	0.03	0.9637	0.994
hsa-miR-37	0.002	0.034	0.9637	0.994
hsa-miR-37	-0.001	0.027	0.9637	0.994
hsa-miR-49	0.001	0.02	0.9675	0.994

hsa-miR-14	-0.004	0.098	0.9684	0.994
hsa-miR-67	-0.001	0.04	0.9699	0.994
hsa-miR-12	-0.001	0.027	0.9703	0.994
hsa-miR-18	-0.001	0.027	0.9711	0.994
hsa-miR-28	-0.001	0.021	0.9731	0.994
hsa-miR-13	0.003	0.09	0.9734	0.994
hsa-miR-52	0.001	0.032	0.9752	0.994
hsa-miR-12	0.001	0.02	0.9756	0.994
hsa-miR-41	0.001	0.028	0.976	0.994
hsa-miR-64	0.001	0.025	0.9763	0.994
hsa-miR-38	-0.001	0.035	0.9767	0.994
hsa-miR-20	0.001	0.032	0.9776	0.994
hsa-miR-54	0.008	0.301	0.9785	0.994
hsa-miR-61	0.001	0.039	0.9787	0.994
hsa-miR-26	0	0.015	0.9788	0.994
hsa-miR-65	0.002	0.057	0.9788	0.994
hsa-miR-12	0.001	0.029	0.9822	0.995
hsa-miR-87	0.002	0.072	0.9824	0.995
hsa-miR-56	0.001	0.04	0.9868	0.996
hsa-miR-10	-0.001	0.047	0.987	0.996
hsa-miR-13	0.001	0.042	0.9879	0.996
hsa-miR-10	0	0.027	0.991	0.996
hsa-miR-34	0.001	0.049	0.9916	0.996
hsa-miR-26	0	0.019	0.9918	0.996
hsa-miR-54	0	0.032	0.9933	0.996
hsa-miR-36	0	0.035	0.9943	0.996
hsa-miR-79	0	0.043	0.9947	0.996
hsa-miR-37	0	0.073	0.9959	0.996

microRNA	Effect	StdErr	Direction	p-Value	FDR
hsa-miR-509-3p	0.1924	0.0522	++	0.0002	0.1128
hsa-miR-1248	-0.2395	0.0665	--	0.0003	0.1128
hsa-miR-193b-5p	0.1496	0.0431	++	0.0005	0.1229
hsa-miR-365b-3p	0.1091	0.0341	++	0.0014	0.1632
hsa-miR-365a-3p	0.1091	0.0341	++	0.0014	0.1632
hsa-miR-506-3p	0.2275	0.0711	++	0.0014	0.1632
hsa-miR-365a-5p	0.1415	0.0452	++	0.0018	0.1802
hsa-miR-514a-3p	0.1361	0.0484	++	0.0049	0.4405
hsa-miR-519d-5p	0.0480	0.0183	++	0.0086	0.5378
hsa-miR-30b-3p	0.0518	0.0208	++	0.0125	0.5378
hsa-miR-514a-5p	0.1467	0.0591	++	0.0131	0.5378
hsa-miR-1323	0.0467	0.0189	++	0.0135	0.5378
hsa-miR-515-5p	0.0445	0.0180	++	0.0136	0.5378
hsa-miR-30c-5p	0.0265	0.0107	++	0.0138	0.5378
hsa-miR-3173-5p	0.0928	0.0379	++	0.0145	0.5378
hsa-miR-3065-3p	-0.0880	0.0360	--	0.0145	0.5378
hsa-miR-450a-2-3p	-0.0534	0.0220	--	0.0152	0.5378
hsa-miR-301a-5p	-0.0764	0.0319	--	0.0165	0.5378
hsa-miR-30b-5p	0.0402	0.0168	++	0.0165	0.5378
hsa-miR-6715b-3p	-0.1685	0.0731	--	0.0212	0.6408
hsa-miR-340-3p	-0.0457	0.0200	--	0.0227	0.6510
hsa-miR-584-5p	-0.0678	0.0303	--	0.0256	0.6563
hsa-miR-1275	0.0966	0.0440	++	0.0282	0.6563
hsa-miR-520b-5p	0.0352	0.0162	++	0.0300	0.6563
hsa-miR-519a-2-5p	0.0352	0.0162	++	0.0301	0.6563
hsa-miR-518e-5p	0.0413	0.0191	++	0.0311	0.6563
hsa-miR-519b-5p	0.0413	0.0191	++	0.0311	0.6563
hsa-miR-523-5p	0.0413	0.0191	++	0.0311	0.6563
hsa-miR-522-5p	0.0413	0.0191	++	0.0311	0.6563
hsa-miR-519c-5p	0.0413	0.0191	++	0.0311	0.6563
hsa-miR-296-5p	0.0706	0.0336	++	0.0360	0.6699
hsa-miR-424-5p	0.0451	0.0215	++	0.0360	0.6699
hsa-miR-224-3p	-0.0697	0.0334	--	0.0369	0.6699
hsa-miR-125a-5p	0.0494	0.0239	++	0.0384	0.6699
hsa-miR-549a-3p	0.1402	0.0686	++	0.0411	0.6699
hsa-miR-520h	0.0345	0.0169	++	0.0415	0.6699
hsa-miR-181a-2-3p	0.0595	0.0293	++	0.0425	0.6699
hsa-miR-519a-5p	0.0398	0.0197	++	0.0430	0.6699
hsa-miR-337-3p	-0.0355	0.0176	--	0.0440	0.6699
hsa-miR-188-5p	-0.0361	0.0180	--	0.0448	0.6699
hsa-miR-629-3p	0.0708	0.0353	++	0.0448	0.6699
hsa-miR-628-5p	-0.0488	0.0243	--	0.0449	0.6699
hsa-miR-340-5p	-0.0400	0.0201	--	0.0462	0.6762
hsa-miR-200b-3p	0.0542	0.0274	++	0.0477	0.6839
hsa-miR-424-3p	0.0349	0.0180	++	0.0526	0.7233
hsa-miR-520g-3p	0.0332	0.0173	++	0.0550	0.7233
hsa-miR-30c-2-3p	0.0301	0.0157	++	0.0557	0.7233
hsa-miR-223-5p	-0.0715	0.0374	--	0.0562	0.7233
hsa-miR-301b-3p	-0.0772	0.0405	--	0.0567	0.7233

hsa-miR-3664-3p	0.0407	0.0215 ++	0.0576	0.7233
hsa-miR-27a-3p	0.0277	0.0146 ++	0.0585	0.7233
hsa-miR-143-5p	-0.0469	0.0251 --	0.0610	0.7414
hsa-miR-509-5p	0.1264	0.0679 ++	0.0625	0.7470
hsa-miR-516b-5p	0.0380	0.0206 ++	0.0660	0.7655
hsa-miR-520f-5p	0.0624	0.0340 ++	0.0665	0.7655
hsa-miR-516a-5p	0.0351	0.0192 ++	0.0673	0.7655
hsa-miR-517-5p	0.0293	0.0161 ++	0.0690	0.7656
hsa-miR-24-3p	0.0319	0.0176 ++	0.0694	0.7656
hsa-miR-30c-1-3p	0.0344	0.0195 ++	0.0779	0.7972
hsa-miR-26a-5p	0.0152	0.0086 ++	0.0787	0.7972
hsa-miR-330-5p	-0.0487	0.0278 --	0.0796	0.7972
hsa-miR-7-5p	-0.0427	0.0245 --	0.0818	0.7972
hsa-miR-31-5p	0.0618	0.0356 ++	0.0826	0.7972
hsa-miR-337-5p	-0.0336	0.0194 --	0.0833	0.7972
hsa-miR-5695	0.1147	0.0665 ++	0.0847	0.7972
hsa-miR-29a-3p	0.0433	0.0251 ++	0.0850	0.7972
hsa-miR-10399-5p	0.0690	0.0409 ++	0.0920	0.7972
hsa-miR-498-3p	0.0395	0.0236 ++	0.0939	0.7972
hsa-miR-450a-5p	-0.0351	0.0210 --	0.0941	0.7972
hsa-miR-190a-5p	-0.0610	0.0364 --	0.0943	0.7972
hsa-miR-653-3p	-0.0541	0.0324 --	0.0957	0.7972
hsa-miR-361-5p	0.0261	0.0158 ++	0.0974	0.7972
hsa-miR-518c-5p	0.0277	0.0167 ++	0.0978	0.7972
hsa-miR-425-3p	-0.0196	0.0119 --	0.0995	0.7972
hsa-miR-1299	0.1922	0.1176 ++	0.1022	0.7972
hsa-miR-214-5p	-0.0285	0.0174 --	0.1024	0.7972
hsa-miR-526b-5p	0.0324	0.0199 ++	0.1030	0.7972
hsa-miR-144-3p	-0.0840	0.0516 --	0.1032	0.7972
hsa-miR-454-3p	-0.0236	0.0145 --	0.1039	0.7972
hsa-miR-942-5p	-0.0384	0.0238 --	0.1067	0.7972
hsa-miR-616-3p	0.0608	0.0378 ++	0.1074	0.7972
hsa-miR-32-3p	-0.0365	0.0226 --	0.1075	0.7972
hsa-miR-4708-3p	0.0555	0.0345 ++	0.1077	0.7972
hsa-miR-524-5p	0.0252	0.0157 ++	0.1079	0.7972
hsa-miR-30d-5p	0.0277	0.0172 ++	0.1085	0.7972
hsa-miR-342-3p	-0.0345	0.0217 --	0.1116	0.7972
hsa-miR-6881-3p	-0.0724	0.0458 --	0.1144	0.7972
hsa-miR-23a-3p	0.0268	0.0172 ++	0.1191	0.7972
hsa-miR-519e-5p	0.0386	0.0248 ++	0.1196	0.7972
hsa-miR-27b-5p	-0.0294	0.0190 --	0.1207	0.7972
hsa-miR-2115-5p	-0.0634	0.0409 --	0.1209	0.7972
hsa-miR-154-3p	-0.0379	0.0246 --	0.1223	0.7972
hsa-miR-191-5p	0.0191	0.0125 ++	0.1265	0.8055
hsa-miR-2276-3p	-0.0651	0.0428 --	0.1279	0.8055
hsa-miR-2116-3p	0.0594	0.0391 ++	0.1292	0.8055
hsa-miR-570-3p	-0.0564	0.0373 --	0.1310	0.8097
hsa-miR-6511b-3p	0.0581	0.0386 ++	0.1327	0.8112
hsa-miR-155-5p	-0.1011	0.0674 --	0.1335	0.8112
hsa-miR-495-3p	-0.0308	0.0206 --	0.1356	0.8170

hsa-miR-32-5p	-0.0271	0.0183 --		0.1383	0.8263
hsa-miR-105-5p	-0.0610	0.0417 --		0.1435	0.8503
hsa-miR-6511a-3p	-0.0477	0.0327 --		0.1454	0.8512
hsa-miR-1306-5p	0.0521	0.0360 ++		0.1479	0.8512
hsa-miR-579-3p	0.0356	0.0247 ++		0.1484	0.8512
hsa-miR-379-3p	-0.0310	0.0215 --		0.1500	0.8523
hsa-miR-142-5p	-0.0579	0.0405 --		0.1528	0.8523
hsa-miR-585-3p	-0.0703	0.0495 --		0.1558	0.8523
hsa-miR-767-5p	-0.0547	0.0392 --		0.1626	0.8523
hsa-miR-487a-3p	-0.0356	0.0257 --		0.1662	0.8523
hsa-miR-107	-0.0334	0.0247 --		0.1768	0.8523
hsa-miR-4659a-3p	-0.0724	0.0537 --		0.1779	0.8523
hsa-miR-320a-3p	0.0319	0.0237 ++		0.1785	0.8523
hsa-miR-451a	-0.0736	0.0547 --		0.1785	0.8523
hsa-miR-556-3p	0.0580	0.0431 ++		0.1792	0.8523
hsa-miR-125b-5p	0.0353	0.0263 ++		0.1799	0.8523
hsa-miR-548ae-5p	-0.0294	0.0219 --		0.1799	0.8523
hsa-miR-133a-5p	-0.0544	0.0408 --		0.1829	0.8523
hsa-miR-454-5p	-0.0293	0.0221 --		0.1856	0.8523
hsa-miR-18b-5p	-0.0544	0.0411 --		0.1860	0.8523
hsa-miR-548ay-5p	-0.0320	0.0244 --		0.1891	0.8523
hsa-miR-511-5p	-0.0351	0.0268 --		0.1902	0.8523
hsa-miR-466	0.0554	0.0425 ++		0.1927	0.8538
hsa-miR-548d-5p	-0.0323	0.0248 --		0.1929	0.8538
hsa-miR-15a-5p	-0.0393	0.0303 --		0.1953	0.8560
hsa-miR-1304-3p	0.0406	0.0316 ++		0.1981	0.8608
hsa-miR-27a-5p	0.0490	0.0383 ++		0.2005	0.8613
hsa-miR-7706	0.0337	0.0263 ++		0.2006	0.8613
hsa-miR-128-3p	-0.0172	0.0136 --		0.2061	0.8688
hsa-miR-1285-3p	-0.0336	0.0266 --		0.2064	0.8688
hsa-miR-1185-1-3p	-0.0339	0.0270 --		0.2090	0.8691
hsa-miR-183-3p	0.0634	0.0512 ++		0.2151	0.8691
hsa-miR-411-3p	-0.0275	0.0223 --		0.2165	0.8691
hsa-miR-452-5p	-0.0292	0.0237 --		0.2179	0.8691
hsa-miR-16-5p	-0.0355	0.0289 --		0.2206	0.8691
hsa-miR-505-3p	-0.0238	0.0195 --		0.2228	0.8691
hsa-miR-1197	-0.0460	0.0379 --		0.2246	0.8691
hsa-miR-3064-5p	-0.0396	0.0326 --		0.2249	0.8691
hsa-miR-330-3p	-0.0305	0.0252 --		0.2254	0.8691
hsa-miR-887-3p	-0.0340	0.0282 --		0.2277	0.8691
hsa-miR-2355-3p	-0.0457	0.0380 --		0.2295	0.8691
hsa-miR-185-3p	-0.0496	0.0413 --		0.2302	0.8691
hsa-miR-34a-3p	0.0366	0.0310 ++		0.2371	0.8691
hsa-miR-548e-5p	-0.0335	0.0285 --		0.2392	0.8691
hsa-miR-496	-0.0336	0.0285 --		0.2393	0.8691
hsa-miR-516b-3p	-0.0666	0.0568 --		0.2413	0.8691
hsa-miR-619-5p	0.0568	0.0485 ++		0.2416	0.8691
hsa-miR-19b-3p	0.0210	0.0180 ++		0.2435	0.8691
hsa-miR-1185-2-3p	-0.0359	0.0308 --		0.2441	0.8691
hsa-miR-210-3p	0.0483	0.0417 ++		0.2469	0.8691

hsa-miR-543	-0.0309	0.0267	--	0.2475	0.8691
hsa-miR-450a-1-3p	-0.0226	0.0196	--	0.2480	0.8691
hsa-miR-12135	-0.0614	0.0534	--	0.2503	0.8697
hsa-miR-516a-3p	-0.0644	0.0568	--	0.2569	0.8788
hsa-miR-23c	0.0238	0.0211	++	0.2592	0.8788
hsa-miR-590-3p	0.0214	0.0191	++	0.2619	0.8788
hsa-miR-135a-5p	-0.0894	0.0802	--	0.2647	0.8813
hsa-miR-589-5p	-0.0316	0.0284	--	0.2655	0.8813
hsa-miR-376a-5p	-0.0250	0.0227	--	0.2710	0.8885
hsa-miR-377-3p	-0.0218	0.0200	--	0.2743	0.8885
hsa-miR-18a-5p	-0.0317	0.0291	--	0.2764	0.8885
hsa-miR-520e-5p	-0.0240	0.0220	--	0.2772	0.8885
hsa-miR-548i	-0.0605	0.0560	--	0.2800	0.8885
hsa-miR-520c-3p	-0.0230	0.0213	--	0.2818	0.8885
hsa-miR-3611	-0.0263	0.0245	--	0.2821	0.8885
hsa-miR-323a-3p	0.0206	0.0193	++	0.2856	0.8885
hsa-miR-548n	-0.0365	0.0344	--	0.2882	0.8885
hsa-miR-548ay-3p	-0.0494	0.0466	--	0.2896	0.8885
hsa-miR-363-3p	-0.0323	0.0305	--	0.2898	0.8885
hsa-miR-3143	0.0526	0.0499	++	0.2919	0.8885
hsa-miR-2277-5p	-0.0314	0.0298	--	0.2927	0.8885
hsa-miR-221-5p	0.0178	0.0169	++	0.2934	0.8885
hsa-miR-1247-3p	0.0365	0.0350	++	0.2967	0.8885
hsa-miR-628-3p	-0.0239	0.0229	--	0.2968	0.8885
hsa-miR-199a-5p	-0.0171	0.0164	--	0.2974	0.8885
hsa-miR-9-5p	0.0398	0.0388	++	0.3054	0.8901
hsa-miR-377-5p	-0.0189	0.0185	--	0.3080	0.8901
hsa-miR-548ab	-0.0416	0.0409	--	0.3091	0.8901
hsa-miR-338-3p	-0.0249	0.0245	--	0.3091	0.8901
hsa-miR-335-3p	-0.0266	0.0264	--	0.3132	0.8979
hsa-miR-185-5p	-0.0292	0.0291	--	0.3163	0.8979
hsa-miR-200c-3p	0.0232	0.0236	++	0.3246	0.8979
hsa-miR-934	0.0221	0.0224	++	0.3259	0.8979
hsa-miR-138-5p	0.0566	0.0577	++	0.3263	0.8979
hsa-miR-96-5p	0.0351	0.0359	++	0.3274	0.8979
hsa-miR-548b-5p	0.0277	0.0284	++	0.3284	0.8979
hsa-miR-151a-3p	0.0142	0.0146	++	0.3305	0.8979
hsa-miR-455-5p	-0.0281	0.0296	--	0.3421	0.9037
hsa-miR-2115-3p	-0.0386	0.0407	--	0.3431	0.9037
hsa-miR-34b-3p	0.0390	0.0413	++	0.3448	0.9037
hsa-miR-98-3p	0.0508	0.0539	++	0.3452	0.9037
hsa-miR-149-5p	0.0225	0.0239	++	0.3456	0.9037
hsa-miR-551b-3p	-0.0279	0.0296	--	0.3459	0.9037
hsa-miR-433-5p	-0.0335	0.0356	--	0.3470	0.9037
hsa-miR-20a-5p	0.0156	0.0167	++	0.3505	0.9037
hsa-let-7d-3p	0.0405	0.0440	++	0.3572	0.9071
hsa-miR-144-5p	-0.0482	0.0525	--	0.3584	0.9071
hsa-miR-3145-3p	-0.0322	0.0354	--	0.3631	0.9110
hsa-miR-4742-3p	-0.0275	0.0305	--	0.3676	0.9145
hsa-miR-548bc	-0.0272	0.0305	--	0.3723	0.9145

hsa-miR-125a-3p	0.0160	0.0185 ++	0.3858	0.9190
hsa-miR-675-5p	-0.0265	0.0308 --	0.3897	0.9252
hsa-miR-93-3p	0.0140	0.0165 ++	0.3961	0.9312
hsa-miR-410-3p	-0.0245	0.0291 --	0.3996	0.9314
hsa-miR-9-3p	0.0330	0.0392 ++	0.4001	0.9314
hsa-miR-6503-3p	0.0383	0.0462 ++	0.4069	0.9351
hsa-miR-3613-5p	-0.0234	0.0283 --	0.4095	0.9373
hsa-miR-766-3p	-0.0272	0.0330 --	0.4107	0.9373
hsa-miR-130a-3p	-0.0094	0.0115 --	0.4139	0.9373
hsa-miR-3925-5p	0.0380	0.0469 ++	0.4186	0.9373
hsa-miR-10527-5p	0.0254	0.0316 ++	0.4202	0.9373
hsa-miR-2116-5p	0.0245	0.0305 ++	0.4225	0.9373
hsa-miR-548w	-0.0248	0.0314 --	0.4301	0.9373
hsa-miR-744-5p	0.0195	0.0248 ++	0.4329	0.9373
hsa-miR-539-3p	-0.0236	0.0301 --	0.4331	0.9373
hsa-miR-125b-1-3p	-0.0222	0.0285 --	0.4364	0.9373
hsa-miR-183-5p	0.0239	0.0307 ++	0.4366	0.9373
hsa-miR-138-1-3p	0.0454	0.0589 ++	0.4405	0.9374
hsa-miR-376a-2-5p	-0.0187	0.0243 --	0.4411	0.9374
hsa-miR-211-5p	0.0274	0.0359 ++	0.4454	0.9374
hsa-miR-665	-0.0226	0.0297 --	0.4471	0.9374
hsa-miR-376b-3p	-0.0164	0.0217 --	0.4489	0.9374
hsa-miR-4521	0.0359	0.0475 ++	0.4501	0.9374
hsa-miR-181a-5p	0.0170	0.0226 ++	0.4511	0.9374
hsa-miR-1-3p	-0.0284	0.0381 --	0.4563	0.9374
hsa-miR-3615	-0.0217	0.0291 --	0.4563	0.9374
hsa-miR-345-5p	-0.0163	0.0224 --	0.4663	0.9411
hsa-miR-328-3p	0.0230	0.0317 ++	0.4685	0.9411
hsa-miR-624-3p	-0.0170	0.0234 --	0.4685	0.9411
hsa-miR-4662a-5p	-0.0213	0.0295 --	0.4702	0.9411
hsa-miR-29b-1-5p	0.0238	0.0331 ++	0.4721	0.9411
hsa-miR-660-3p	0.0153	0.0216 ++	0.4788	0.9411
hsa-miR-126-5p	0.0156	0.0221 ++	0.4798	0.9411
hsa-miR-137-3p	0.0516	0.0741 ++	0.4859	0.9411
hsa-miR-548e-3p	-0.0147	0.0212 --	0.4868	0.9411
hsa-miR-29c-5p	-0.0110	0.0159 --	0.4901	0.9411
hsa-miR-16-2-3p	-0.0173	0.0252 --	0.4919	0.9411
hsa-miR-409-3p	-0.0131	0.0191 --	0.4921	0.9411
hsa-miR-34a-5p	0.0162	0.0238 ++	0.4960	0.9411
hsa-miR-186-5p	-0.0087	0.0128 --	0.4974	0.9411
hsa-miR-133a-3p	-0.0238	0.0353 --	0.5002	0.9411
hsa-miR-324-5p	-0.0127	0.0190 --	0.5031	0.9411
hsa-miR-423-3p	0.0142	0.0213 ++	0.5034	0.9411
hsa-miR-4742-5p	0.0245	0.0367 ++	0.5041	0.9411
hsa-miR-5699-3p	0.0252	0.0379 ++	0.5065	0.9411
hsa-miR-146a-5p	-0.0243	0.0365 --	0.5067	0.9411
hsa-miR-147b-3p	-0.0292	0.0448 --	0.5140	0.9411
hsa-miR-519c-3p	-0.0113	0.0174 --	0.5178	0.9411
hsa-miR-136-5p	-0.0097	0.0152 --	0.5227	0.9411
hsa-miR-1843	-0.0132	0.0207 --	0.5231	0.9411

hsa-miR-361-3p	-0.0103	0.0162	--	0.5255	0.9411
hsa-miR-30a-3p	0.0131	0.0207	++	0.5268	0.9411
hsa-miR-100-5p	0.0192	0.0303	++	0.5269	0.9411
hsa-miR-299-3p	-0.0146	0.0231	--	0.5285	0.9411
hsa-miR-204-5p	0.0417	0.0666	++	0.5314	0.9411
hsa-miR-148b-5p	-0.0110	0.0177	--	0.5318	0.9411
hsa-miR-10a-5p	0.0120	0.0192	++	0.5327	0.9411
hsa-miR-410-5p	-0.0397	0.0638	--	0.5341	0.9411
hsa-miR-181b-2-3p	0.0252	0.0410	++	0.5394	0.9411
hsa-miR-148a-5p	-0.0201	0.0329	--	0.5416	0.9411
hsa-miR-767-3p	-0.0316	0.0518	--	0.5420	0.9411
hsa-miR-548aq-3p	-0.0258	0.0425	--	0.5447	0.9411
hsa-miR-7976	-0.0162	0.0271	--	0.5502	0.9438
hsa-miR-548g-5p	0.0201	0.0357	++	0.5735	0.9621
hsa-miR-9898	0.0248	0.0441	++	0.5737	0.9621
hsa-miR-130b-3p	-0.0204	0.0365	--	0.5760	0.9621
hsa-miR-668-3p	-0.0149	0.0269	--	0.5790	0.9621
hsa-let-7d-5p	-0.0176	0.0318	--	0.5806	0.9621
hsa-miR-449a	-0.0158	0.0292	--	0.5876	0.9621
hsa-miR-182-5p	0.0185	0.0346	++	0.5929	0.9621
hsa-miR-93-5p	-0.0099	0.0185	--	0.5931	0.9621
hsa-miR-3909	0.0122	0.0231	++	0.5969	0.9627
hsa-miR-199b-5p	-0.0127	0.0242	--	0.6000	0.9627
hsa-miR-151a-5p	0.0087	0.0167	++	0.6014	0.9627
hsa-miR-561-5p	-0.0180	0.0345	--	0.6018	0.9627
hsa-miR-431-5p	-0.0135	0.0262	--	0.6066	0.9627
hsa-miR-382-3p	-0.0129	0.0254	--	0.6124	0.9627
hsa-miR-1283	0.0160	0.0322	++	0.6188	0.9627
hsa-miR-491-5p	-0.0119	0.0242	--	0.6224	0.9627
hsa-miR-371a-3p	-0.0337	0.0693	--	0.6261	0.9627
hsa-miR-372-5p	-0.0332	0.0683	--	0.6269	0.9627
hsa-miR-373-5p	0.0297	0.0611	++	0.6275	0.9627
hsa-miR-505-5p	-0.0186	0.0384	--	0.6283	0.9627
hsa-miR-1278	0.0135	0.0283	++	0.6324	0.9627
hsa-miR-181c-5p	0.0116	0.0250	++	0.6443	0.9698
hsa-miR-222-5p	0.0165	0.0359	++	0.6452	0.9698
hsa-miR-145-5p	-0.0097	0.0218	--	0.6554	0.9716
hsa-miR-134-5p	-0.0093	0.0209	--	0.6554	0.9716
hsa-miR-101-5p	0.0093	0.0207	++	0.6555	0.9716
hsa-miR-339-3p	0.0067	0.0150	++	0.6562	0.9716
hsa-miR-6501-5p	-0.0200	0.0450	--	0.6568	0.9716
hsa-miR-486-3p	-0.0238	0.0540	--	0.6586	0.9716
hsa-miR-873-5p	0.0189	0.0440	++	0.6677	0.9766
hsa-miR-548au-5p	0.0070	0.0167	++	0.6753	0.9766
hsa-miR-190b-5p	0.0096	0.0235	++	0.6827	0.9828
hsa-miR-548x-5p	0.0200	0.0494	++	0.6865	0.9828
hsa-miR-380-3p	-0.0099	0.0249	--	0.6922	0.9828
hsa-miR-381-5p	-0.0091	0.0234	--	0.6986	0.9831
hsa-miR-331-3p	-0.0126	0.0333	--	0.7049	0.9831
hsa-miR-7977	-0.0129	0.0355	--	0.7151	0.9842

hsa-miR-199b-3p	-0.0059	0.0167 --	0.7223	0.9842
hsa-miR-199a-3p	-0.0059	0.0167 --	0.7264	0.9842
hsa-miR-30e-3p	0.0073	0.0208 ++	0.7270	0.9842
hsa-miR-23b-5p	0.0071	0.0207 ++	0.7327	0.9842
hsa-miR-486-5p	-0.0165	0.0486 --	0.7348	0.9842
hsa-miR-98-5p	0.0113	0.0338 ++	0.7374	0.9842
hsa-miR-26a-1-3p	0.0090	0.0270 ++	0.7395	0.9842
hsa-miR-7705	-0.0092	0.0278 --	0.7408	0.9842
hsa-miR-378a-5p	0.0086	0.0266 ++	0.7470	0.9842
hsa-miR-188-3p	-0.0078	0.0243 --	0.7485	0.9842
hsa-miR-6514-5p	-0.0100	0.0327 --	0.7607	0.9842
hsa-miR-3158-3p	-0.0132	0.0440 --	0.7652	0.9842
hsa-miR-205-5p	0.0063	0.0229 ++	0.7834	0.9842
hsa-miR-4645-3p	-0.0072	0.0274 --	0.7932	0.9842
hsa-miR-671-3p	-0.0076	0.0293 --	0.7944	0.9842
hsa-miR-380-5p	-0.0087	0.0336 --	0.7968	0.9842
hsa-miR-135b-3p	0.0122	0.0504 ++	0.8089	0.9842
hsa-miR-362-3p	0.0059	0.0249 ++	0.8131	0.9842
hsa-miR-372-3p	-0.0160	0.0688 --	0.8164	0.9842
hsa-miR-656-3p	0.0063	0.0286 ++	0.8246	0.9842
hsa-miR-200c-5p	0.0053	0.0248 ++	0.8310	0.9842
hsa-miR-28-5p	-0.0037	0.0176 --	0.8337	0.9842
hsa-miR-373-3p	-0.0108	0.0553 --	0.8454	0.9842
hsa-miR-28-3p	0.0025	0.0154 ++	0.8693	0.9843
hsa-miR-320e	-0.0049	0.0306 --	0.8735	0.9843
hsa-miR-126-3p	-0.0031	0.0215 --	0.8854	0.9852
hsa-miR-6513-5p	-0.0052	0.0368 --	0.8874	0.9852
hsa-miR-548q	0.0041	0.0296 ++	0.8884	0.9852
hsa-miR-641	0.0031	0.0236 ++	0.8936	0.9852
hsa-miR-548x-3p	0.0362	0.2783 ++	0.8966	0.9852
hsa-miR-139-5p	0.0033	0.0281 ++	0.9071	0.9852
hsa-miR-548ak	0.0033	0.0298 ++	0.9116	0.9852
hsa-miR-495-5p	0.0021	0.0193 ++	0.9152	0.9852
hsa-miR-5699-5p	0.0014	0.0386 ++	0.9712	0.9864

Target Gene	Uniprot ID	MicroRNA	Integrated.	Number.of.	Score.Class	Sources
STK39	Q9UEW8	hsa-miR-10	0.598754	9	Very High	Cupid|MBStar|MirTar2|bitargetin
KCNJ3	P48549	hsa-miR-10	0.560292	8	Very High	Cupid|MBStar|MirTar2|bitargetin
C11orf87	Q6NUJ2	hsa-miR-10	0.537726	6	Very High	MBStar|MirTar2|miranda_May_2
ANKRD12	Q6UB98	hsa-miR-10	0.537127	10	Very High	Cupid|MBStar|MirTar2|bitargetin
PICALM	Q13492	hsa-miR-10	0.527583	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
SALL1	Q9NSC2	hsa-miR-10	0.526146	10	Very High	Cupid|MBStar|MirTar2|PACCMIT
CCDC117	Q8IWD4	hsa-miR-10	0.518239	8	Very High	Cupid|MirTar2|PACCMIT|MirAnce
MAX	P61244	hsa-miR-10	0.516391	8	Very High	MBStar|MirTar2|PACCMIT|bitarge
RAB4A	P20338	hsa-miR-10	0.511007	9	Very High	MBStar|MirTar2|bitargeting_May_
TRIB2	Q92519	hsa-miR-10	0.499195	10	Very High	Cupid|MBStar|MirTar2|PACCMIT
API5	Q9BZZ5	hsa-miR-10	0.499162	9	Very High	Cupid|MBStar|MirTar2|bitargetin
ADCY9	O60503	hsa-miR-10	0.498066	8	Very High	MirTar2|PACCMIT|bitargeting_Ma
PTP4A2	Q12974	hsa-miR-10	0.495146	9	Very High	Cupid|MBStar|MirTar2|PACCMIT
KPNA3	O00505	hsa-miR-10	0.495019	9	Very High	Cupid|MBStar|MirTar2|PACCMIT
PUM1	Q14671	hsa-miR-10	0.49234	9	Very High	Cupid|MirTar2|PACCMIT|bitarget
SATB2	Q9UPW6	hsa-miR-10	0.484051	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
GTDC1	Q4AE62	hsa-miR-10	0.48189	9	Very High	Cupid|MBStar|MirTar2|PACCMIT
SC5D	O75845	hsa-miR-10	0.473975	8	Very High	MBStar|MirTar2|PACCMIT|MirAn
MPPED2	Q15777	hsa-miR-10	0.471756	8	Very High	Cupid|MBStar|MirTar2|PACCMIT
PNN	Q9H307	hsa-miR-10	0.469773	8	Very High	Cupid|MBStar|MirTar2|MirAnces
EYA4	O95677	hsa-miR-10	0.467903	11	Very High	MBStar|MirTar2|PACCMIT|bitarge
GLS	O94925	hsa-miR-10	0.467763	8	Very High	Cupid|MBStar|MirTar2|PACCMIT
CNIH1	O95406	hsa-miR-10	0.465652	9	Very High	Cupid|MBStar|MirTar2|PACCMIT
DLAT	P10515	hsa-miR-10	0.45816	8	Very High	MBStar|MirTar2|bitargeting_May_
ERBB4	Q15303	hsa-miR-10	0.457473	9	Very High	MBStar|MirTar2|PACCMIT|bitarge
RGPD8	O14715	hsa-miR-10	0.452997	9	Very High	Cupid|MBStar|MirTar2|bitargetin
RAP2B	P61225	hsa-miR-10	0.451252	9	Very High	Cupid|PACCMIT|bitargeting_May_
PPP3CC	P48454	hsa-miR-10	0.451099	8	Very High	MirTar2|PACCMIT|MirAncesTar|n
VASH2	Q86V25	hsa-miR-10	0.446854	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
GSK3B	P49841	hsa-miR-10	0.443833	9	Very High	Cupid|MBStar|MirTar2|bitargetin
YPEL2	Q96QA6	hsa-miR-10	0.44086	8	Very High	Cupid|MBStar|MirTar2|MirAnces
ADAMTS5	Q9UNA0	hsa-miR-10	0.438387	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
WWTR1	Q9GZV5	hsa-miR-10	0.437378	9	Very High	Cupid|MBStar|MirTar2|bitargetin
NCOA1	Q15788	hsa-miR-10	0.433503	9	Very High	Cupid|MBStar|PACCMIT|bitargeti
YWHAE	P62258	hsa-miR-10	0.430942	7	Very High	Cupid|MBStar|MirTar2|MirAnces
ACVR2B	Q13705	hsa-miR-10	0.430349	9	Very High	MBStar|MirTar2|bitargeting_May_
HSPA12A	O43301	hsa-miR-10	0.429524	9	Very High	MBStar|MirTar2|PACCMIT|bitarge
KCNIP4	Q6PIL6	hsa-miR-10	0.42912	7	Very High	Cupid|MBStar|MirTar2|PACCMIT
ZNF248	Q8NDW4	hsa-miR-10	0.424309	8	Very High	MBStar|MirTar2|MirAncesTar|mi
TNKS2	Q9H2K2	hsa-miR-10	0.42247	9	Very High	Cupid|MBStar|MirTar2|bitargetin
TTC33	Q6PID6	hsa-miR-10	0.422272	9	Very High	MBStar|MirTar2|PACCMIT|MirAn
FGF13	Q92913	hsa-miR-10	0.421797	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
MTDH	Q86UE4	hsa-miR-10	0.421623	9	Very High	Cupid|MBStar|MirTar2|PACCMIT
NUP160	Q12769	hsa-miR-10	0.42135	9	Very High	Cupid|MBStar|MirTar2|MirAnces
RALA	P11233	hsa-miR-10	0.420372	8	Very High	Cupid|MBStar|MirTar2|PACCMIT
HLA-B	P01889	hsa-miR-10	0.419981	11	Very High	MBStar|MirTar2|bitargeting_May_
GLI2	P10070	hsa-miR-10	0.419094	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
METTL16	Q86W50	hsa-miR-10	0.418285	9	Very High	MBStar|MirTar2|PACCMIT|MirAn
FMR1	Q06787	hsa-miR-10	0.418083	7	Very High	Cupid|MBStar|PACCMIT|MirAnce

TIAM2	Q8IVF5	hsa-miR-10	0.418029	7	Very High	Cupid|MirTar2|PACCMIT|MirAnce
SYT1	P21579	hsa-miR-10	0.41676	8	Very High	Cupid|MBStar|MirTar2|MirAnces
SEMA6D	Q8NFY4	hsa-miR-10	0.415583	6	Very High	Cupid|MBStar|MirTar2|MirAnces
BCAT1	P54687	hsa-miR-10	0.413647	9	Very High	MBStar|MirTar2|bitargeting_May
UBR3	Q6ZT12	hsa-miR-10	0.413595	7	Very High	Cupid|MBStar|PACCMIT|MirAnce
TM9SF3	Q9HD45	hsa-miR-10	0.413523	7	Very High	Cupid|MBStar|MirTar2|MirAnces
ZNF474	Q6S9Z5	hsa-miR-10	0.413515	9	Very High	MBStar|MirTar2|PACCMIT|MirAn
MLLT10	P55197	hsa-miR-10	0.413122	8	Very High	Cupid|MBStar|MirTar2|MirAnces
DNM1L	O00429	hsa-miR-10	0.412555	10	Very High	MBStar|MirTar2|bitargeting_May
SLC39A10	Q9ULF5	hsa-miR-10	0.411331	8	Very High	Cupid|MBStar|MirTar2|MirAnces
CALD1	Q05682	hsa-miR-10	0.410553	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
PCDH17	O14917	hsa-miR-10	0.409563	7	Very High	Cupid|MBStar|MirTar2|PACCMIT
CREBRF	Q8IUR6	hsa-miR-10	0.409227	8	Very High	Cupid|MBStar|MirTar2|PACCMIT
UNC5D	Q6UXZ4	hsa-miR-10	0.408528	9	Very High	MBStar|PACCMIT|bitargeting_Ma
COPB1	P53618	hsa-miR-10	0.406163	9	Very High	Cupid|MBStar|MirAncesTar|mirar
RSPO2	Q6UXX9	hsa-miR-10	0.404959	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
MYOZ3	Q8TDC0	hsa-miR-10	0.402795	8	Very High	MBStar|MirTar2|MirAncesTar|mir
PHLPP2	Q6ZVD8	hsa-miR-10	0.399886	8	Very High	MBStar|PACCMIT|bitargeting_Ma
CRISPLD1	Q9H336	hsa-miR-10	0.396322	8	Very High	MBStar|MirTar2|bitargeting_May
NAV1	Q8NEY1	hsa-miR-10	0.395813	10	Very High	MBStar|MirTar2|bitargeting_May
GRIN2A	Q12879	hsa-miR-10	0.394179	9	Very High	Cupid|MBStar|bitargeting_May_2
ZNF140	P52738	hsa-miR-10	0.393565	9	Very High	MBStar|MirTar2|bitargeting_May
ZNF148	Q9UQR1	hsa-miR-10	0.392706	7	Very High	Cupid|MBStar|MirAncesTar|mirar
RBM12B	Q8IXT5	hsa-miR-10	0.3925	9	Very High	MBStar|MirTar2|bitargeting_May
RB1	P06400	hsa-miR-10	0.391138	8	Very High	Cupid|MBStar|MirTar2|MirAnces
ARFIP1	P53367	hsa-miR-10	0.391083	8	Very High	MBStar|MirTar2|MirAncesTar|mi
MAGI2	Q86UL8	hsa-miR-10	0.390711	7	Very High	Cupid|MBStar|MirTar2|bitargetin
CAB39	Q9Y376	hsa-miR-10	0.389808	8	Very High	MBStar|MirTar2|bitargeting_May
EYA3	Q99504	hsa-miR-10	0.389407	8	Very High	MBStar|MirTar2|PACCMIT|MirAn
SESN3	P58005	hsa-miR-10	0.38811	6	Very High	Cupid|MBStar|MirAncesTar|mirar
ZC3H12C	Q9C0D7	hsa-miR-10	0.387598	7	Very High	Cupid|MBStar|MirAncesTar|mirar
AHCYL2	Q96HN2	hsa-miR-10	0.385014	8	Very High	Cupid|MBStar|bitargeting_May_2
CYP27B1	O15528	hsa-miR-10	0.384932	11	Very High	MBStar|MirTar2|bitargeting_May
METAP1	P53582	hsa-miR-10	0.384193	9	Very High	MBStar|MirTar2|PACCMIT|bitarge
HLA-G	P17693	hsa-miR-10	0.383104	8	Very High	MBStar|MirTar2|MirAncesTar|mi
NRXN1	P58400	hsa-miR-10	0.382688	8	Very High	Cupid|MBStar|bitargeting_May_2
PAM	P19021	hsa-miR-10	0.382279	7	Very High	MBStar|PACCMIT|MirAncesTar|m
LCORL	Q8N3X6	hsa-miR-10	0.382144	10	Very High	Cupid|MBStar|bitargeting_May_2
RGPD5	Q99666	hsa-miR-10	0.380022	8	Very High	MBStar|MirTar2|bitargeting_May
RNF139	Q8WU17	hsa-miR-10	0.378086	7	Very High	Cupid|MBStar|MirAncesTar|mirar
AP3B1	O00203	hsa-miR-10	0.377731	7	Very High	Cupid|MBStar|PACCMIT|MirAnce
DAZL	Q92904	hsa-miR-10	0.377701	8	Very High	Cupid|MBStar|MirAncesTar|mirar
MFAP5	Q13361	hsa-miR-10	0.377193	9	Very High	MBStar|MirTar2|bitargeting_May
LANCL3	Q6ZV70	hsa-miR-10	0.375257	8	Very High	MBStar|MirTar2|bitargeting_May
CNTN3	Q9P232	hsa-miR-10	0.374217	7	Very High	MBStar|PACCMIT|bitargeting_Ma
TRIM14	Q14142	hsa-miR-10	0.374164	11	Very High	MBStar|MirTar2|bitargeting_May
CACNA1E	Q15878	hsa-miR-10	0.372943	8	Very High	MBStar|MirTar2|bitargeting_May
LRRTM1	Q86UE6	hsa-miR-10	0.372285	8	Very High	PACCMIT|bitargeting_May_2021|
BTBD3	Q9Y2F9	hsa-miR-10	0.369904	9	Very High	Cupid|MBStar|bitargeting_May_2
FOXO3	O43524	hsa-miR-10	0.364764	7	Very High	MBStar|MirTar2|MirAncesTar|mi

RMND5A	Q9H871	hsa-miR-10	0.363729	7	Very High	MirTar2|MirAncesTar|miranda_M
ATRX	P46100	hsa-miR-10	0.363456	8	Very High	MBStar|MirTar2|bitargeting_May_
KIAA2026	Q5HYC2	hsa-miR-10	0.363417	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
SLC16A4	O15374	hsa-miR-10	0.361318	8	Very High	MBStar|MirTar2|PACCMIT|MirAn
RGPD6	Q99666	hsa-miR-10	0.360762	8	Very High	MBStar|MirTar2|bitargeting_May_
BCL9	O00512	hsa-miR-10	0.359199	7	Very High	Cupid|MBStar|MirAncesTar|mirar
MCTP1	Q6DN14	hsa-miR-10	0.359155	7	Very High	Cupid|MBStar|MirAncesTar|mirar
NBR1	Q14596	hsa-miR-10	0.359073	6	Very High	MirTar2|MirAncesTar|miranda_M
CNOT6	Q9ULM6	hsa-miR-10	0.359071	7	Very High	Cupid|MirTar2|MirAncesTar|mira
BACH1	O14867	hsa-miR-10	0.358996	8	Very High	MBStar|MirTar2|bitargeting_May_
U2SURP	O15042	hsa-miR-10	0.35768	9	Very High	Cupid|MBStar|bitargeting_May_2
TXLNG	Q9NUQ3	hsa-miR-10	0.356154	8	Very High	MBStar|MirTar2|MirAncesTar|mi
MTF1	Q14872	hsa-miR-10	0.354539	8	Very High	Cupid|MBStar|bitargeting_May_2
EXOG	Q9Y2C4	hsa-miR-10	0.354114	8	Very High	MBStar|MirTar2|bitargeting_May_
ITGAV	P06756	hsa-miR-10	0.354075	7	Very High	MBStar|MirTar2|MirAncesTar|mi
TLR10	Q9BXR5	hsa-miR-10	0.352879	8	Very High	MBStar|MirTar2|bitargeting_May_
SH3D19	Q5HYK7	hsa-miR-10	0.352671	8	Very High	Cupid|MBStar|MirAncesTar|mirar
KRTAP4-3	Q9BYR4	hsa-miR-10	0.352456	7	Very High	MirTar2|bitargeting_May_2021|N
PAPOLA	P51003	hsa-miR-10	0.352072	7	Very High	Cupid|MBStar|MirTar2|MirAnces
SOD2	P04179	hsa-miR-10	0.351779	8	Very High	MirTar2|bitargeting_May_2021|N
SCN1A	P35498	hsa-miR-10	0.351205	8	Very High	Cupid|MBStar|bitargeting_May_2
CEP120	Q8N960	hsa-miR-10	0.350887	7	Very High	MBStar|MirTar2|MirAncesTar|mi
MED13L	Q71F56	hsa-miR-10	0.350767	7	Very High	Cupid|MBStar|MirAncesTar|miRD
WDR37	Q9Y2I8	hsa-miR-10	0.35046	9	Very High	MBStar|PACCMIT|bitargeting_Ma
ZIC2	O95409	hsa-miR-10	0.350422	8	Very High	MBStar|MirTar2|MirAncesTar|mi
HOXD1	Q9GZZ0	hsa-miR-10	0.349306	7	Very High	MBStar|MirTar2|PACCMIT|MirAn
FZD3	Q9NPG1	hsa-miR-10	0.348646	8	Very High	MBStar|MirTar2|bitargeting_May_
ETV5	P41161	hsa-miR-10	0.348401	8	Very High	Cupid|MirTar2|bitargeting_May_
GPR155	Q7Z3F1	hsa-miR-10	0.34781	7	Very High	MBStar|PACCMIT|MirAncesTar|m
APPBP2	Q92624	hsa-miR-10	0.346939	8	Very High	Cupid|MBStar|PACCMIT|bitargeti
ARIH1	Q9Y4X5	hsa-miR-10	0.345778	7	Very High	Cupid|MirTar2|bitargeting_May_
CTPS2	Q9NRF8	hsa-miR-10	0.344676	9	Very High	MBStar|PACCMIT|MirAncesTar|m
ZBTB26	Q9HCK0	hsa-miR-10	0.344392	6	Very High	MirTar2|PACCMIT|MirAncesTar|n
HFM1	A2PYH4	hsa-miR-10	0.34435	7	Very High	MBStar|MirTar2|PACCMIT|MirAn
GREM1	O60565	hsa-miR-10	0.344124	8	Very High	MBStar|PACCMIT|bitargeting_Ma
SKP1	P63208	hsa-miR-10	0.343529	9	Very High	Cupid|MBStar|MirTar2|bitargetin
VPS13A	Q96RL7	hsa-miR-10	0.343382	7	Very High	MBStar|MirTar2|bitargeting_May_
TNS1	Q9HBL0	hsa-miR-10	0.342081	9	Very High	MBStar|MirTar2|bitargeting_May_
PRAME	P78395	hsa-miR-10	0.341704	6	Very High	MirTar2|MirAncesTar|miranda_M
ARPP21	Q9UBL0	hsa-miR-10	0.341357	9	Very High	Cupid|MBStar|bitargeting_May_2
MAPK1	P28482	hsa-miR-10	0.340897	8	Very High	MBStar|MirTar2|MirAncesTar|mi
GNAT2	P19087	hsa-miR-10	0.339936	4	Very High	PACCMIT|MirAncesTar|miranda_
MTSS1	O43312	hsa-miR-10	0.339259	7	Very High	Cupid|MirAncesTar|miranda_May
WTAP	Q15007	hsa-miR-10	0.339024	7	Very High	Cupid|MBStar|MirAncesTar|mirar
MDM2	Q00987	hsa-miR-10	0.339022	7	Very High	MBStar|MirTar2|bitargeting_May_
SIX1	Q15475	hsa-miR-10	0.338132	6	Very High	Cupid|MBStar|MirAncesTar|mirar
RTCA	O00442	hsa-miR-10	0.338024	9	Very High	MBStar|MirTar2|MirAncesTar|mi
CCDC6	Q16204	hsa-miR-10	0.337627	7	Very High	MBStar|MirAncesTar|miranda_Ma
TMCC1	O94876	hsa-miR-10	0.33676	7	Very High	MBStar|MirTar2|PACCMIT|MirAn
LMNB1	P20700	hsa-miR-10	0.336714	5	Very High	Cupid|MBStar|MirAncesTar|MiRN

SOX6	P35712	hsa-miR-10	0.335732	6	Very High	Cupid|MBStar|PACCMIT|MirAnce
CLIC5	Q9NZA1	hsa-miR-10	0.335626	8	Very High	MBStar|MirTar2|bitargeting_May
KCNA1	Q09470	hsa-miR-10	0.335494	6	Very High	MBStar|MirTar2|PACCMIT|MirAn
SLC48A1	Q6P1K1	hsa-miR-10	0.333669	8	Very High	MBStar|MirTar2|MirAncesTar|mi
KCNS1	Q96KK3	hsa-miR-10	0.333285	6	Very High	MirTar2|bitargeting_May_2021|M
TFAP2C	Q92754	hsa-miR-10	0.79688	11	Very High	Cupid|MirTar2|PACCMIT|MirAnce
FIGN	Q5HY92	hsa-miR-10	0.789507	10	Very High	Cupid|MirTar2|PACCMIT|bitarget
GALNT1	Q10472	hsa-miR-10	0.787807	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
CRLF3	Q8IUI8	hsa-miR-10	0.783047	11	Very High	Cupid|MirTar2|bitargeting_May_2
NCOR2	Q9Y618	hsa-miR-10	0.778684	13	Very High	Cupid|MBStar|MirTar2|PACCMIT
KLHL29	Q96CT2	hsa-miR-10	0.77583	10	Very High	Cupid|MBStar|MirTar2|bitargetin
BDNF	P23560	hsa-miR-10	0.769151	11	Very High	Cupid|MBStar|MirTar2|PACCMIT
GATA6	Q92908	hsa-miR-10	0.765917	10	Very High	Cupid|MBStar|miRTar2GO|MirAn
SOBP	A7XYQ1	hsa-miR-10	0.75557	10	Very High	Cupid|PACCMIT|miRTar2GO|MirA
CADM2	Q8N3J6	hsa-miR-10	0.751822	10	Very High	Cupid|MBStar|bitargeting_May_2
HOXA3	O43365	hsa-miR-10	0.749606	9	Very High	Cupid|MBStar|MirTar2|PACCMIT
RORA	P35398	hsa-miR-10	0.742499	11	Very High	MBStar|MirTar2|bitargeting_May
KLF11	O14901	hsa-miR-10	0.735378	11	Very High	Cupid|MBStar|MirTar2|PACCMIT
HCN1	O60741	hsa-miR-10	0.72864	10	Very High	MBStar|MirTar2|PACCMIT|bitarg
DAZAP1	Q96EP5	hsa-miR-10	0.720284	10	Very High	PACCMIT|bitargeting_May_2021|
RPRD1A	Q96P16	hsa-miR-10	0.718436	9	Very High	Cupid|PACCMIT|miRTar2GO|MirA
SMTNL2	Q2TAL5	hsa-miR-10	0.718171	11	Very High	Cupid|MirTar2|PACCMIT|bitarget
HNRNPK	P61978	hsa-miR-10	0.711925	11	Very High	Cupid|MBStar|PACCMIT|miRTar2
HOXB3	P14651	hsa-miR-10	0.710189	9	Very High	MirTar2|PACCMIT|miRTar2GO|M
ZMYND11	Q15326	hsa-miR-10	0.705898	10	Very High	Cupid|MBStar|MirTar2|miRTar2G
CELF2	O95319	hsa-miR-10	0.702677	12	Very High	Cupid|MBStar|PACCMIT|bitargeti
GTF2H1	P32780	hsa-miR-10	0.701972	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
TRIM2	Q9C040	hsa-miR-10	0.698468	11	Very High	Cupid|MBStar|PACCMIT|miRTar2
UBE2I	P63279	hsa-miR-10	0.696392	9	Very High	Cupid|bitargeting_May_2021|Mir
BAZ1B	Q9UIG0	hsa-miR-10	0.695844	9	Very High	Cupid|MirTar2|miRTar2GO|MirAr
USP46	P62068	hsa-miR-10	0.695142	11	Very High	Cupid|MBStar|MirTar2|PACCMIT
GOLGA3	Q08378	hsa-miR-10	0.692993	12	Very High	MBStar|MirTar2|PACCMIT|bitarg
MAP3K7	O43318	hsa-miR-10	0.691777	9	Very High	Cupid|MBStar|MirTar2|MirAncesT
ARSJ	Q5FYB0	hsa-miR-10	0.686696	10	Very High	MBStar|MirTar2|PACCMIT|MirAn
CREB1	P16220	hsa-miR-10	0.683202	10	Very High	Cupid|MBStar|MirTar2|miRTar2G
TBX5	Q99593	hsa-miR-10	0.68294	9	Very High	Cupid|MBStar|MirTar2|MirAncesT
CYTH1	Q15438	hsa-miR-10	0.682202	8	Very High	MBStar|PACCMIT|miRTar2GO|Mi
TFRC	P02786	hsa-miR-10	0.677376	9	Very High	MBStar|miRTar2GO|MirAncesTar
IGDCC4	Q8TDY8	hsa-miR-10	0.676536	9	Very High	Cupid|MirTar2|bitargeting_May_2
SDC1	P18827	hsa-miR-10	0.676133	9	Very High	MBStar|PACCMIT|miRTar2GO|Mi
RAP2A	P10114	hsa-miR-10	0.675296	11	Very High	Cupid|PACCMIT|bitargeting_May_
SON	P18583	hsa-miR-10	0.674188	10	Very High	Cupid|MirTar2|miRTar2GO|MirAr
ELOVL2	Q9NXB9	hsa-miR-10	0.673986	8	Very High	MirTar2|MirAncesTar|miranda_M
NPAS3	Q8IXF0	hsa-miR-10	0.671992	8	Very High	Cupid|MBStar|PACCMIT|bitargeti
ZNF367	Q7RTV3	hsa-miR-10	0.671403	10	Very High	Cupid|MBStar|bitargeting_May_2
SMAP1	Q8IYB5	hsa-miR-10	0.670565	7	Very High	Cupid|MirAncesTar|miranda_May
BBX	Q8WY36	hsa-miR-10	0.669736	11	Very High	Cupid|MBStar|bitargeting_May_2
FNBP1L	Q5T0N5	hsa-miR-10	0.667037	9	Very High	Cupid|MBStar|MirTar2|PACCMIT
MTF1	Q14872	hsa-miR-10	0.664162	11	Very High	Cupid|MBStar|bitargeting_May_2
EPHA5	P54756	hsa-miR-10	0.663128	10	Very High	Cupid|MBStar|MirTar2|bitargetin

RB1CC1	Q8TDY2	hsa-miR-10	0.656472	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
ELAVL2	Q12926	hsa-miR-10	0.653326	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|
NEDD4	P46934	hsa-miR-10	0.652663	10	Very High	Cupid|MBStar|bitargeting_May_2
GATA3	P23771	hsa-miR-10	0.651164	9	Very High	Cupid|miRTar2GO|MirAncesTar|n
SNX18	Q96RF0	hsa-miR-10	0.649897	8	Very High	MBStar|MirTar2|MirAncesTar|mi
BAZ2B	Q9UIF8	hsa-miR-10	0.647963	10	Very High	Cupid|MBStar|PACCMIT|miRTar2
FBXO30	Q8TB52	hsa-miR-10	0.644183	8	Very High	Cupid|PACCMIT|miRTar2GO|MirA
WDR26	Q9H7D7	hsa-miR-10	0.643659	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
E2F3	O00716	hsa-miR-10	0.640897	10	Very High	Cupid|MBStar|PACCMIT|bitargeti
BCL6	P41182	hsa-miR-10	0.63854	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
CTNNBIP1	Q9NSA3	hsa-miR-10	0.638447	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|
CNOT6	Q9ULM6	hsa-miR-10	0.637458	9	Very High	Cupid|PACCMIT|bitargeting_May_
DOCK11	Q5JSL3	hsa-miR-10	0.634853	9	Very High	Cupid|PACCMIT|MirAncesTar|mi
WNK3	Q9BYP7	hsa-miR-10	0.634086	9	Very High	Cupid|PACCMIT|bitargeting_May_
PIK3CA	P42336	hsa-miR-10	0.633551	8	Very High	Cupid|MirAncesTar|miranda_May
ESRRG	P62508	hsa-miR-10	0.6328	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
NCOA6	Q14686	hsa-miR-10	0.62793	10	Very High	Cupid|MirTar2|PACCMIT|MirAnce
LRRC8B	Q6P9F7	hsa-miR-10	0.625358	9	Very High	MBStar|bitargeting_May_2021|m
WWC2	Q6AWC2	hsa-miR-10	0.623338	8	Very High	Cupid|miRTar2GO|MirAncesTar|n
SLC38A2	Q96QD8	hsa-miR-10	0.623254	12	Very High	MBStar|MirTar2|PACCMIT|bitarge
XRN1	Q8IZH2	hsa-miR-10	0.622435	8	Very High	Cupid|bitargeting_May_2021|Mir
ANKFY1	Q9P2R3	hsa-miR-10	0.620444	9	Very High	Cupid|MBStar|miRTar2GO|MirAn
TNRC6B	Q9UPQ9	hsa-miR-10	0.618929	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|
KCTD16	Q68DU8	hsa-miR-10	0.616242	7	Very High	Cupid|MirAncesTar|miranda_May
PDE7A	Q13946	hsa-miR-10	0.6154	8	Very High	Cupid|MBStar|miRTar2GO|MirAn
NR4A3	Q92570	hsa-miR-10	0.614685	8	Very High	Cupid|bitargeting_May_2021|Mir
TMEM170B	Q5T4T1	hsa-miR-10	0.614075	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
TENM2	Q9NT68	hsa-miR-10	0.60803	8	Very High	Cupid|PACCMIT|bitargeting_May_
RNF186	Q9NXI6	hsa-miR-10	0.606723	8	Very High	MirTar2|MirAncesTar|miranda_M
MDGA2	Q7Z553	hsa-miR-10	0.606198	8	Very High	PACCMIT|MirAncesTar|miranda_N
SSX2IP	Q9Y2D8	hsa-miR-10	0.603788	8	Very High	MBStar|PACCMIT|MirAncesTar|m
SRSF1	Q07955	hsa-miR-10	0.603457	10	Very High	Cupid|MBStar|PACCMIT|bitargeti
HOXA1	P49639	hsa-miR-10	0.602864	10	Very High	Cupid|MBStar|PACCMIT|bitargeti
SPAG9	O60271	hsa-miR-10	0.600952	10	Very High	Cupid|MBStar|MirTar2|MirAnces
CSRNP3	Q8WYN3	hsa-miR-10	0.600039	9	Very High	MBStar|MirTar2|MirAncesTar|mi
NR2C2	P49116	hsa-miR-10	0.599022	11	Very High	MBStar|MultiMiTar|bitargeting_N
GABRB2	P47870	hsa-miR-10	0.598982	7	Very High	MBStar|PACCMIT|MirAncesTar|m
FRS2	Q8WU20	hsa-miR-10	0.597784	9	Very High	Cupid|MBStar|miRTar2GO|MirAn
MTMR3	Q13615	hsa-miR-10	0.597564	11	Very High	MBStar|MultiMiTar|PACCMIT|bit
NFAT5	O94916	hsa-miR-10	0.594805	10	Very High	Cupid|MBStar|PACCMIT|bitargeti
CDK6	Q00534	hsa-miR-10	0.59424	10	Very High	MBStar|bitargeting_May_2021|m
TIAM1	Q13009	hsa-miR-10	0.589718	9	Very High	MirTar2|PACCMIT|miRTar2GO|M
PTPN4	P29074	hsa-miR-10	0.587227	10	Very High	Cupid|MBStar|miRTar2GO|MirAn
JARID2	Q92833	hsa-miR-10	0.586413	7	Very High	Cupid|MirAncesTar|miranda_May
ITSN1	Q15811	hsa-miR-10	0.585397	8	Very High	Cupid|bitargeting_May_2021|Mir
KLHDC10	Q6PID8	hsa-miR-10	0.583432	9	Very High	bitargeting_May_2021|miRTar2GC
CBX5	P45973	hsa-miR-10	0.581708	10	Very High	MBStar|PACCMIT|miRTar2GO|Mi
NR6A1	Q15406	hsa-miR-10	0.580179	6	Very High	PACCMIT|MirAncesTar|miranda_N
MIEF1	L0R8F8	hsa-miR-10	0.579351	10	Very High	MBStar|PACCMIT|bitargeting_Ma
RNF165	Q6ZSG1	hsa-miR-10	0.579089	8	Very High	Cupid|MBStar|PACCMIT|bitargeti

ERI3	O43414	hsa-miR-10	0.577407	7	Very High	PACCMIT|bitargeting_May_2021|
PRRT3	Q5FWE3	hsa-miR-10	0.577212	9	Very High	MBStar|bitargeting_May_2021|M
USP25	Q9UHP3	hsa-miR-10	0.576157	8	Very High	Cupid|miRTar2GO|MirAncesTar|n
PURG	Q9UJV8	hsa-miR-10	0.575414	8	Very High	Cupid|PACCMIT|MirAncesTar|mir
AFF4	Q9UHB7	hsa-miR-10	0.572269	8	Very High	Cupid|PACCMIT|bitargeting_May_
BACH2	Q9BYV9	hsa-miR-10	0.571185	9	Very High	MBStar|MirTar2|PACCMIT|MirAn
E2F7	Q96AV8	hsa-miR-10	0.570661	8	Very High	MBStar|miRTar2GO|MirAncesTar
KCNA6	P17658	hsa-miR-10	0.56888	8	Very High	MBStar|MirTar2|MirAncesTar|mi
HOXD10	P28358	hsa-miR-10	0.567687	8	Very High	Cupid|MBStar|bitargeting_May_2
CSMD1	Q96PZ7	hsa-miR-10	0.56736	9	Very High	MBStar|MirTar2|PACCMIT|MirAn
BCL2L11	O43521	hsa-miR-10	0.56692	9	Very High	MBStar|PACCMIT|MirAncesTar|m
MTF2	Q9Y483	hsa-miR-10	0.565603	7	Very High	Cupid|miRTar2GO|MirAncesTar|n
TMEM183A	Q8IXX5	hsa-miR-10	0.5647	9	Very High	MBStar|MirTar2|bitargeting_May_
SH3D19	Q5HYK7	hsa-miR-10	0.563683	7	Very High	Cupid|MirAncesTar|miranda_May
ANK1	P16157	hsa-miR-10	0.563656	8	Very High	MirTar2|bitargeting_May_2021|M
RBM27	Q9P2N5	hsa-miR-10	0.562893	8	Very High	Cupid|MirTar2|MirAncesTar|mira
IGSF1	Q8N6C5	hsa-miR-10	0.562636	6	Very High	Cupid|MirAncesTar|miranda_May
BTRC	Q9Y297	hsa-miR-10	0.560352	8	Very High	Cupid|PACCMIT|bitargeting_May_
NONO	Q15233	hsa-miR-10	0.559734	9	Very High	Cupid|MBStar|PACCMIT|bitargeti
PTEN	P60484	hsa-miR-10	0.558966	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
PAFAH1B1	P43034	hsa-miR-10	0.556788	9	Very High	Cupid|MirTar2|PACCMIT|miRTar2
L3MBTL3	Q96JM7	hsa-miR-10	0.555871	10	Very High	Cupid|MBStar|PACCMIT|bitargeti
DLG5	Q8TDM6	hsa-miR-10	0.555075	11	Very High	Cupid|bitargeting_May_2021|miR
ITGB8	P26012	hsa-miR-10	0.55326	8	Very High	Cupid|MBStar|MirAncesTar|mira
CNNM4	Q6P4Q7	hsa-miR-10	0.553253	7	Very High	Cupid|MBStar|MirAncesTar|mira
TPP2	P29144	hsa-miR-10	0.553085	8	Very High	Cupid|MBStar|MirTar2|MirAnces
EBF2	Q9HAK2	hsa-miR-10	0.552888	6	Very High	MirTar2|MirAncesTar|miranda_M
ATXN7	O15265	hsa-miR-10	0.552541	8	Very High	Cupid|MBStar|bitargeting_May_2
CLCC1	Q96S66	hsa-miR-10	0.552305	10	Very High	MBStar|MirTar2|PACCMIT|miRTa
TMEM167B	Q9NRX6	hsa-miR-10	0.54953	9	Very High	MBStar|bitargeting_May_2021|m
CHL1	O00533	hsa-miR-10	0.546997	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
MYT1L	Q9UL68	hsa-miR-10	0.54591	8	Very High	Cupid|PACCMIT|bitargeting_May_
CALCR	P30988	hsa-miR-10	0.542858	8	Very High	Cupid|MBStar|PACCMIT|bitargeti
ZNF608	Q9ULD9	hsa-miR-10	0.541849	9	Very High	Cupid|PACCMIT|MirAncesTar|mir
SCN3A	Q9NY46	hsa-miR-10	0.540528	9	Very High	Cupid|MBStar|bitargeting_May_2
CAMK2B	Q13554	hsa-miR-10	0.538502	8	Very High	MBStar|PACCMIT|bitargeting_Ma
IFFO2	Q5TF58	hsa-miR-10	0.538043	10	Very High	MBStar|PACCMIT|bitargeting_Ma
TBC1D22B	Q9NU19	hsa-miR-10	0.536729	7	Very High	Cupid|MirAncesTar|miranda_May
PHF20L1	A8MW92	hsa-miR-10	0.536035	10	Very High	Cupid|MBStar|MirTar2|bitargetin
EPHA4	P54764	hsa-miR-10	0.535665	9	Very High	Cupid|MBStar|PACCMIT|MirAnce
RTN4R	Q9BZR6	hsa-miR-10	0.532945	9	Very High	Cupid|PACCMIT|bitargeting_May_
HAS3	O00219	hsa-miR-10	0.529653	7	Very High	MirTar2|PACCMIT|MirAncesTar|n
INO80D	Q53TQ3	hsa-miR-10	0.529422	7	Very High	PACCMIT|miRTar2GO|MirAncesTa
NR5A2	O00482	hsa-miR-10	0.528421	6	Very High	Cupid|MirAncesTar|miRDB_v6|M
MYBL1	P10243	hsa-miR-10	0.526097	9	Very High	Cupid|PACCMIT|miRTar2GO|MirA
FLRT2	O43155	hsa-miR-10	0.524326	5	Very High	miRTar2GO|miranda_May_2021|r
TMOD1	P28289	hsa-miR-10	0.519731	7	Very High	Cupid|MBStar|bitargeting_May_2
KPNA5	O15131	hsa-miR-10	0.517148	4	Very High	MirAncesTar|miranda_May_2021
MAPRE1	Q15691	hsa-miR-10	0.516689	8	Very High	Cupid|PACCMIT|MirAncesTar|mir
SH3KBP1	Q96B97	hsa-miR-19	0.601663	11	Very High	Cupid|MBStar|PACCMIT|bitargeti

ARL8B	Q9NVJ2	hsa-miR-19	0.567149	9	Very High	Cupid|MirTar2|bitargeting_May_2
LTN1	O94822	hsa-miR-19	0.554284	10	Very High	MBStar|MirTar2|bitargeting_May_
ZFP36L1	Q07352	hsa-miR-19	0.533085	11	Very High	MBStar|MirTar2|bitargeting_May_
FHOD3	Q2V2M9	hsa-miR-19	0.514022	12	Very High	Cupid|MBStar|MirTar2|bitargetin
PI4KB	Q9UBF8	hsa-miR-19	0.50348	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
SORCS1	Q8WY21	hsa-miR-19	0.495117	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
C3orf38	Q5JPI3	hsa-miR-19	0.492467	9	Very High	Cupid|MBStar|MirTar2|miRTar2G
ETV1	P50549	hsa-miR-19	0.485089	9	Very High	Cupid|MBStar|MirTar2|miRTar2G
PHF20L1	A8MW92	hsa-miR-19	0.4826	8	Very High	Cupid|MBStar|MirTar2|bitargetin
POU2F2	P09086	hsa-miR-19	0.478113	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
MARCKSL1	P49006	hsa-miR-19	0.477188	9	Very High	MBStar|MirTar2|PACCMIT|miRTa
CCDC173	Q0VFZ6	hsa-miR-19	0.472258	8	Very High	MirTar2|bitargeting_May_2021|M
FBXL20	Q96IG2	hsa-miR-19	0.470198	11	Very High	MBStar|MirTar2|bitargeting_May_
BRI3BP	Q8WY22	hsa-miR-19	0.465782	10	Very High	MirTar2|bitargeting_May_2021|m
PIK3R2	O00459	hsa-miR-19	0.461401	11	Very High	MBStar|MirTar2|bitargeting_May_
SMG1	Q96Q15	hsa-miR-19	0.461051	11	Very High	MBStar|MirTar2|bitargeting_May_
TNFRSF11B	O00300	hsa-miR-19	0.458953	9	Very High	MirTar2|bitargeting_May_2021|m
PCDH17	O14917	hsa-miR-19	0.45819	8	Very High	MBStar|MirTar2|miRTar2GO|MirA
DUSP3	P51452	hsa-miR-19	0.453895	10	Very High	MBStar|MirTar2|bitargeting_May_
YY1AP1	Q9H869	hsa-miR-19	0.453129	10	Very High	MBStar|MirTar2|bitargeting_May_
TMEM214	Q6NUQ4	hsa-miR-19	0.452797	11	Very High	MBStar|MirTar2|bitargeting_May_
RASAL2	Q9UJF2	hsa-miR-19	0.45155	11	Very High	MBStar|MirTar2|bitargeting_May_
DLX3	O60479	hsa-miR-19	0.449327	8	Very High	MirTar2|PACCMIT|MirAncesTar|n
PIGF	Q07326	hsa-miR-19	0.449312	8	Very High	MBStar|PACCMIT|MirAncesTar|m
AIF1L	Q9BQI0	hsa-miR-19	0.448677	9	Very High	MirTar2|bitargeting_May_2021|m
CYP20A1	Q6UW02	hsa-miR-19	0.446685	8	Very High	MBStar|MirTar2|bitargeting_May_
KDSR	Q06136	hsa-miR-19	0.445424	10	Very High	MBStar|MirTar2|bitargeting_May_
GRIK5	Q16478	hsa-miR-19	0.445144	11	Very High	MBStar|MirTar2|PACCMIT|bitarge
PDCD4	Q53EL6	hsa-miR-19	0.444345	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
GINS4	Q9BRT9	hsa-miR-19	0.443993	10	Very High	MBStar|MirTar2|bitargeting_May_
MTURN	Q8N3F0	hsa-miR-19	0.442424	10	Very High	MBStar|PACCMIT|bitargeting_Ma
CNOT2	Q9NZN8	hsa-miR-19	0.441551	9	Very High	Cupid|MBStar|MirTar2|miRTar2G
KIAA0930	Q6ICG6	hsa-miR-19	0.439664	10	Very High	MBStar|MirTar2|bitargeting_May_
CLIP3	Q96DZ5	hsa-miR-19	0.438113	11	Very High	MBStar|MirTar2|PACCMIT|bitarge
ACVR2A	P27037	hsa-miR-19	0.434965	10	Very High	MBStar|MirTar2|bitargeting_May_
CHN1	P15882	hsa-miR-19	0.434958	10	Very High	MirTar2|PACCMIT|bitargeting_Ma
EIF1AD	Q8N9N8	hsa-miR-19	0.434634	10	Very High	PACCMIT|bitargeting_May_2021|
CS	O75390	hsa-miR-19	0.433604	9	Very High	Cupid|PACCMIT|bitargeting_May_
MAVS	Q7Z434	hsa-miR-19	0.432766	10	Very High	MBStar|MirTar2|bitargeting_May_
MAP2K7	O14733	hsa-miR-19	0.431094	10	Very High	MBStar|MirTar2|bitargeting_May_
SLC4A7	Q9Y6M7	hsa-miR-19	0.428621	9	Very High	MBStar|MirTar2|bitargeting_May_
UTP23	Q9BRU9	hsa-miR-19	0.428557	10	Very High	MBStar|MirTar2|bitargeting_May_
SDC4	P31431	hsa-miR-19	0.428036	8	Very High	bitargeting_May_2021|miRTar2GO
DMD	P11532	hsa-miR-19	0.427175	9	Very High	MBStar|MirTar2|PACCMIT|bitarge
EIF4G3	O43432	hsa-miR-19	0.426905	9	Very High	Cupid|MBStar|bitargeting_May_2
SMAP1	Q8IYB5	hsa-miR-19	0.42581	7	Very High	Cupid|miRTar2GO|MirAncesTar|n
TRAM2	Q15035	hsa-miR-19	0.425401	9	Very High	MBStar|MirTar2|bitargeting_May_
RSL1D1	O76021	hsa-miR-19	0.422439	10	Very High	MBStar|MirTar2|bitargeting_May_
SEPHS2	Q99611	hsa-miR-19	0.422341	10	Very High	MirTar2|bitargeting_May_2021|m
ENAH	Q8N8S7	hsa-miR-19	0.421336	10	Very High	MBStar|MirTar2|bitargeting_May_

ELOVL5	Q9NYP7	hsa-miR-19	0.420792	10	Very High	MBStar|MirTar2|bitargeting_May
UBE2W	Q96B02	hsa-miR-19	0.418986	9	Very High	Cupid|MBStar|bitargeting_May_2
GMPPA	Q96IJ6	hsa-miR-19	0.418659	9	Very High	MirTar2|PACCMIT|MirAncesTar|n
SULF2	Q8IWU5	hsa-miR-19	0.41825	10	Very High	MBStar|bitargeting_May_2021|m
LYRM7	Q5U5X0	hsa-miR-19	0.418191	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
GSE1	Q14687	hsa-miR-19	0.4153	10	Very High	MBStar|MirTar2|bitargeting_May
ZNF714	Q96N38	hsa-miR-19	0.414905	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
EFCAB2	Q5VUJ9	hsa-miR-19	0.413843	10	Very High	MBStar|MirTar2|bitargeting_May
POLH	Q9Y253	hsa-miR-19	0.412724	8	Very High	MBStar|MirTar2|bitargeting_May
COPS2	P61201	hsa-miR-19	0.41253	9	Very High	Cupid|MBStar|MirTar2|bitargetin
ABL2	P42684	hsa-miR-19	0.412403	10	Very High	MBStar|MirTar2|bitargeting_May
TAOK1	Q7L7X3	hsa-miR-19	0.412321	9	Very High	MBStar|bitargeting_May_2021|m
HELZ	P42694	hsa-miR-19	0.411719	10	Very High	MBStar|bitargeting_May_2021|m
RERE	Q9P2R6	hsa-miR-19	0.41037	8	Very High	MBStar|PACCMIT|bitargeting_Ma
TTPAL	Q9BTX7	hsa-miR-19	0.410309	9	Very High	MBStar|MirTar2|bitargeting_May
DPH6	Q7L8W6	hsa-miR-19	0.410146	8	Very High	MBStar|MirTar2|bitargeting_May
PPP1R12B	O60237	hsa-miR-19	0.409747	10	Very High	MBStar|MirTar2|bitargeting_May
DAG1	Q14118	hsa-miR-19	0.409282	10	Very High	MBStar|PACCMIT|bitargeting_Ma
CYP26B1	Q9NR63	hsa-miR-19	0.409168	10	Very High	MBStar|MirTar2|bitargeting_May
EPG5	Q9HCE0	hsa-miR-19	0.408538	10	Very High	MirTar2|bitargeting_May_2021|n
PLXDC1	Q8IUK5	hsa-miR-19	0.406989	9	Very High	MBStar|MirTar2|bitargeting_May
IFI44L	Q53G44	hsa-miR-19	0.404553	9	Very High	MBStar|MirTar2|bitargeting_May
RAB11B	Q15907	hsa-miR-19	0.404179	9	Very High	MBStar|PACCMIT|bitargeting_Ma
ZNF701	Q9NV72	hsa-miR-19	0.403032	9	Very High	MBStar|MirTar2|bitargeting_May
SCN3B	Q9NY72	hsa-miR-19	0.401646	10	Very High	MBStar|PACCMIT|bitargeting_Ma
XIAP	P98170	hsa-miR-19	0.400326	9	Very High	MBStar|MirTar2|bitargeting_May
DENND5B	Q6ZUT9	hsa-miR-19	0.400248	8	Very High	MBStar|MirTar2|bitargeting_May
ABCB8	Q9NUT2	hsa-miR-19	0.399828	9	Very High	MBStar|bitargeting_May_2021|m
TMEM183A	Q8IXX5	hsa-miR-19	0.398508	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
DLX1	P56177	hsa-miR-19	0.396928	8	Very High	MBStar|MirTar2|bitargeting_May
C5orf22	Q49AR2	hsa-miR-19	0.395347	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
CLN8	Q9UBY8	hsa-miR-19	0.39516	8	Very High	MBStar|bitargeting_May_2021|m
LSMEM1	Q8N8F7	hsa-miR-19	0.39484	8	Very High	MBStar|MirTar2|bitargeting_May
ACER3	Q9NUN7	hsa-miR-19	0.39462	10	Very High	MBStar|MirTar2|bitargeting_May
ILF2	Q12905	hsa-miR-19	0.394057	9	Very High	MBStar|MirTar2|bitargeting_May
OPA3	Q9H6K4	hsa-miR-19	0.393479	9	Very High	MBStar|MirTar2|bitargeting_May
ZNF138	P52744	hsa-miR-19	0.392312	8	Very High	MBStar|MirTar2|bitargeting_May
INTS7	Q9NVH2	hsa-miR-19	0.3922	9	Very High	MBStar|MirTar2|bitargeting_May
TANC2	Q9HCD6	hsa-miR-19	0.391841	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
RNF150	Q9ULK6	hsa-miR-19	0.390626	10	Very High	MBStar|bitargeting_May_2021|m
JARID2	Q92833	hsa-miR-19	0.390177	8	Very High	Cupid|bitargeting_May_2021|miR
GNA13	Q14344	hsa-miR-19	0.389309	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
UFL1	O94874	hsa-miR-19	0.389263	10	Very High	MBStar|MirTar2|bitargeting_May
HOOK3	Q86VS8	hsa-miR-19	0.388462	10	Very High	MBStar|MirTar2|bitargeting_May
TNFRSF1B	P20333	hsa-miR-19	0.386852	9	Very High	MirTar2|bitargeting_May_2021|m
AAK1	Q2M2I8	hsa-miR-19	0.385486	8	Very High	MBStar|bitargeting_May_2021|m
LARP1	Q6PKG0	hsa-miR-19	0.385415	8	Very High	MBStar|MirTar2|PACCMIT|bitarg
SIX4	Q9UIU6	hsa-miR-19	0.384365	8	Very High	MBStar|PACCMIT|bitargeting_Ma
ADCY1	Q08828	hsa-miR-19	0.383838	9	Very High	MBStar|bitargeting_May_2021|m
XAF1	Q6GPH4	hsa-miR-19	0.383753	8	Very High	MirTar2|bitargeting_May_2021|N

C5orf51	A6NDU8	hsa-miR-19	0.383271	9	Very High	MBStar|MirTar2|bitargeting_May
ZNF780B	Q9Y6R6	hsa-miR-19	0.381518	7	Very High	MBStar|MirTar2|bitargeting_May
WIPF2	Q8TF74	hsa-miR-19	0.381474	10	Very High	MBStar|bitargeting_May_2021|m
CASP3	P42574	hsa-miR-19	0.381364	7	Very High	MirTar2|miRTar2GO|MirAncesTar
ABCE1	P61221	hsa-miR-19	0.380902	8	Very High	Cupid|MBStar|bitargeting_May_2
IQSEC1	Q6DN90	hsa-miR-19	0.380864	10	Very High	MBStar|MirTar2|bitargeting_May
ST3GAL1	Q11201	hsa-miR-19	0.380594	9	Very High	MBStar|MirTar2|bitargeting_May
UBN2	Q6ZU65	hsa-miR-19	0.380458	8	Very High	MBStar|miRTar2GO|MirAncesTar
ASB6	Q9NWX5	hsa-miR-19	0.380058	10	Very High	MBStar|MirTar2|miRTar2GO|Mir
PEG10	Q86TG7	hsa-miR-19	0.37996	9	Very High	MBStar|bitargeting_May_2021|m
CLEC16A	Q2KHT3	hsa-miR-19	0.379948	10	Very High	MBStar|PACCMIT|bitargeting_Ma
SYN1	P17600	hsa-miR-19	0.37981	8	Very High	MBStar|bitargeting_May_2021|M
FMO1	Q01740	hsa-miR-19	0.378949	10	Very High	MBStar|MirTar2|bitargeting_May
GLUL	P15104	hsa-miR-19	0.378943	10	Very High	MBStar|bitargeting_May_2021|m
ADAMTS6	Q9UKP5	hsa-miR-19	0.378344	9	Very High	MBStar|MirTar2|miRTar2GO|Mir
RBPJ	Q06330	hsa-miR-19	0.378241	9	Very High	MBStar|MirTar2|miRTar2GO|Mir
CORO2A	Q92828	hsa-miR-19	0.378149	8	Very High	MBStar|MirTar2|bitargeting_May
TBC1D5	Q92609	hsa-miR-19	0.377799	10	Very High	MBStar|bitargeting_May_2021|m
TMED5	Q9Y3A6	hsa-miR-19	0.377224	8	Very High	MBStar|bitargeting_May_2021|m
CFLAR	O15519	hsa-miR-19	0.376219	9	Very High	MBStar|MirTar2|bitargeting_May
FOXP2	O15409	hsa-miR-19	0.376109	9	Very High	MBStar|PACCMIT|bitargeting_Ma
ZFHX3	Q15911	hsa-miR-19	0.375896	9	Very High	MBStar|MirTar2|miRTar2GO|Mir
GPC6	Q9Y625	hsa-miR-19	0.375495	10	Very High	MBStar|PACCMIT|bitargeting_Ma
SNRK	Q9NRH2	hsa-miR-19	0.375036	9	Very High	Cupid|MBStar|bitargeting_May_2
FGF11	Q92914	hsa-miR-19	0.374883	8	Very High	PACCMIT|bitargeting_May_2021|
TRIB1	Q96RU8	hsa-miR-19	0.374799	9	Very High	MBStar|bitargeting_May_2021|m
RORC	P51449	hsa-miR-19	0.374551	9	Very High	MBStar|MirTar2|bitargeting_May
IGSF3	O75054	hsa-miR-19	0.374036	10	Very High	MBStar|MirTar2|bitargeting_May
MSL3	Q8N5Y2	hsa-miR-19	0.373743	10	Very High	MBStar|MirTar2|bitargeting_May
HOXC8	P31273	hsa-miR-19	0.373082	9	Very High	MBStar|PACCMIT|miRTar2GO|Mi
SLC35B4	Q969S0	hsa-miR-19	0.372844	9	Very High	MBStar|MirTar2|bitargeting_May
KAT6A	Q92794	hsa-miR-19	0.372835	8	Very High	Cupid|MBStar|bitargeting_May_2
ZNF431	Q8TF32	hsa-miR-19	0.372783	9	Very High	MirTar2|bitargeting_May_2021|m
RAD23A	P54725	hsa-miR-19	0.372631	10	Very High	MBStar|bitargeting_May_2021|m
TSHZ2	Q9NRE2	hsa-miR-19	0.372497	8	Very High	MBStar|MirTar2|bitargeting_May
FZD4	Q9ULV1	hsa-miR-19	0.372289	9	Very High	MBStar|MirTar2|bitargeting_May
ZBTB8A	Q96BR9	hsa-miR-19	0.372015	8	Very High	MBStar|MirTar2|bitargeting_May
LCORL	Q8N3X6	hsa-miR-19	0.371671	8	Very High	Cupid|MBStar|bitargeting_May_2
TGOLN2	O43493	hsa-miR-19	0.371426	8	Very High	MBStar|MirTar2|bitargeting_May
IMPG1	Q17R60	hsa-miR-19	0.370067	9	Very High	MBStar|MirTar2|MirAncesTar|mi
EPHB2	P29323	hsa-miR-19	0.369347	9	Very High	MBStar|bitargeting_May_2021|m
TPP1	O14773	hsa-miR-19	0.368923	9	Very High	MBStar|bitargeting_May_2021|m
MEX3B	Q6ZN04	hsa-miR-19	0.367966	9	Very High	MirTar2|bitargeting_May_2021|m
DDIT4L	Q96D03	hsa-miR-19	0.367921	8	Very High	MBStar|MirTar2|bitargeting_May
LRP6	O75581	hsa-miR-19	0.367895	7	Very High	MirTar2|miRTar2GO|MirAncesTar
ENTPD1	P49961	hsa-miR-19	0.367488	9	Very High	MBStar|bitargeting_May_2021|m
ITSN1	Q15811	hsa-miR-19	0.366107	10	Very High	MBStar|PACCMIT|bitargeting_Ma
YBX3	P16989	hsa-miR-19	0.365674	7	Very High	Cupid|MBStar|bitargeting_May_2
IQCE	Q6IPM2	hsa-miR-19	0.365166	9	Very High	MBStar|MirTar2|bitargeting_May
KPNA6	O60684	hsa-miR-19	0.365018	8	Very High	MirTar2|bitargeting_May_2021|m

Gene	UniProt	miRNA	Score	Count	Confidence	Sources
GNAS	O95467	hsa-miR-19	0.364887	10	Very High	MBStar|bitargeting_May_2021|m
ZNF793	Q6ZN11	hsa-miR-19	0.364393	8	Very High	MirTar2|bitargeting_May_2021|N
FAM81A	Q8TBF8	hsa-miR-19	0.363547	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
RORA	P35398	hsa-miR-19	0.363279	8	Very High	Cupid|MBStar|miRTar2GO|MirAn
CIC	Q96RK0	hsa-miR-19	0.363208	8	Very High	Cupid|bitargeting_May_2021|miR
FOXK1	P85037	hsa-miR-19	0.362767	7	Very High	MBStar|bitargeting_May_2021|m
NUP50	Q9UKX7	hsa-miR-19	0.362596	10	Very High	MBStar|bitargeting_May_2021|m
DPYSL5	Q9BPU6	hsa-miR-19	0.362314	9	Very High	MBStar|miRTar2GO|MirAncesTar
TNFSF15	O95150	hsa-miR-19	0.362183	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
SLC31A1	O15431	hsa-miR-19	0.361969	8	Very High	MirTar2|bitargeting_May_2021|m
CAMTA1	Q9Y6Y1	hsa-miR-19	0.361851	10	Very High	MBStar|MirTar2|bitargeting_May_
UBR5	O95071	hsa-miR-19	0.36127	7	Very High	Cupid|MBStar|miRTar2GO|MirAn
LMO4	P61968	hsa-miR-19	0.361068	9	Very High	MBStar|bitargeting_May_2021|m
GATAD1	Q8WUU5	hsa-miR-19	0.361055	9	Very High	MBStar|MirTar2|bitargeting_May_
TTYH3	Q9C0H2	hsa-miR-19	0.360912	8	Very High	MBStar|bitargeting_May_2021|m
TMEM135	Q86UB9	hsa-miR-19	0.360461	8	Very High	MBStar|bitargeting_May_2021|m
C1orf21	Q9H246	hsa-miR-19	0.360124	8	Very High	MBStar|bitargeting_May_2021|m
SLC14A1	Q13336	hsa-miR-19	0.359302	8	Very High	MBStar|MirTar2|MirAncesTar|mi
TMEM87A	Q8NBN3	hsa-miR-19	0.358431	8	Very High	MBStar|MirTar2|bitargeting_May_
KLF7	O75840	hsa-miR-19	0.358025	8	Very High	MBStar|bitargeting_May_2021|m
VPS36	Q86VN1	hsa-miR-19	0.357164	8	Very High	MBStar|MirTar2|miRTar2GO|Mir/
VPS53	Q5VIR6	hsa-miR-19	0.35712	8	Very High	MBStar|bitargeting_May_2021|m
EHF	Q9NZC4	hsa-miR-19	0.356205	8	Very High	MBStar|bitargeting_May_2021|m
PNPT1	Q8TCS8	hsa-miR-19	0.35583	9	Very High	MBStar|MirTar2|bitargeting_May_
PMP22	Q01453	hsa-miR-19	0.355805	8	Very High	MBStar|PACCMIT|bitargeting_Ma
EDEM3	Q9BZQ6	hsa-miR-19	0.355684	9	Very High	MBStar|bitargeting_May_2021|m
SNAP29	O95721	hsa-miR-19	0.355552	9	Very High	MBStar|MirTar2|miRTar2GO|Mir/
CD164	Q04900	hsa-miR-50	0.833743	14	Very High	Cupid|MBStar|MirTar2|PACCMIT
MAGT1	Q9H0U3	hsa-miR-50	0.829652	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
VAMP3	Q15836	hsa-miR-50	0.823452	13	Very High	Cupid|MBStar|MirTar2|PACCMIT
LRRC58	Q96CX6	hsa-miR-50	0.817366	13	Very High	Cupid|MBStar|MirTar2|PACCMIT
PTPN12	Q05209	hsa-miR-50	0.815002	12	Very High	Cupid|MBStar|MirTar2|bitargetin
SPOPL	Q6IQ16	hsa-miR-50	0.811588	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
RHOG	P84095	hsa-miR-50	0.807827	11	Very High	MirTar2|PACCMIT|bitargeting_Ma
FLOT2	Q14254	hsa-miR-50	0.806619	13	Very High	Cupid|MirTar2|PACCMIT|bitarget
PIK3C2A	O00443	hsa-miR-50	0.805928	13	Very High	Cupid|MBStar|MirTar2|PACCMIT
LAMC1	P11047	hsa-miR-50	0.80001	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
EYA4	O95677	hsa-miR-50	0.784927	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
SIX4	Q9UIU6	hsa-miR-50	0.782112	11	Very High	Cupid|MBStar|MirTar2|PACCMIT
CTDSP1	Q9GZU7	hsa-miR-50	0.780236	9	Very High	Cupid|MBStar|MirTar2|PACCMIT
BMP6	P22004	hsa-miR-50	0.776928	13	Very High	Cupid|MBStar|MirTar2|PACCMIT
PTBP3	O95758	hsa-miR-50	0.774041	11	Very High	Cupid|MBStar|MirTar2|PACCMIT
SLC16A1	P53985	hsa-miR-50	0.770276	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
PTBP2	Q9UKA9	hsa-miR-50	0.769986	12	Very High	Cupid|MBStar|MirTar2|bitargetin
B4GALT1	P15291	hsa-miR-50	0.757734	11	Very High	Cupid|MBStar|MirTar2|MirAnces
LRRC1	Q9BTT6	hsa-miR-50	0.754752	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
QKI	Q96PU8	hsa-miR-50	0.753421	10	Very High	MBStar|MirTar2|PACCMIT|bitarge
CHSY1	Q86X52	hsa-miR-50	0.753047	13	Very High	Cupid|MBStar|MirTar2|PACCMIT
KLHL24	Q6TFL4	hsa-miR-50	0.751371	12	Very High	Cupid|MBStar|MirTar2|PACCMIT
OSBPL3	Q9H4L5	hsa-miR-50	0.749759	8	Very High	Cupid|MBStar|MirAncesTar|miRC

NR3C1	P04150	hsa-miR-50	0.746903	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
RHOQ	P17081	hsa-miR-50	0.746443	11	Very High	Cupid|MBStar|PACCMIT|bitargeti
SNAI2	O43623	hsa-miR-50	0.746117	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|
TUB	P50607	hsa-miR-50	0.745425	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
CHIC1	Q5VXU3	hsa-miR-50	0.744717	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
PTPN9	P43378	hsa-miR-50	0.742593	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
TEAD1	P28347	hsa-miR-50	0.74254	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
PRRX1	P54821	hsa-miR-50	0.7416	14	Very High	Cupid|MBStar|MirTar2|PACCMIT|
MITF	O75030	hsa-miR-50	0.73866	11	Very High	Cupid|MBStar|MirTar2|bitargetin
FAR1	Q8WVX9	hsa-miR-50	0.732651	11	Very High	Cupid|MBStar|PACCMIT|bitargeti
SLC16A13	Q7RTY0	hsa-miR-50	0.732604	12	Very High	Cupid|MirTar2|PACCMIT|bitarget
ANTXR2	P58335	hsa-miR-50	0.732146	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
C1GALT1	Q9NS00	hsa-miR-50	0.731521	9	Very High	MBStar|MirTar2|MirAncesTar|mi
TMEM134	Q9H6X4	hsa-miR-50	0.728492	11	Very High	Cupid|PACCMIT|bitargeting_May_
RAB27A	P51159	hsa-miR-50	0.726511	11	Very High	MBStar|MirTar2|bitargeting_May
NFIB	O00712	hsa-miR-50	0.725891	11	Very High	Cupid|MBStar|PACCMIT|MirAnce
HIPK3	Q9H422	hsa-miR-50	0.725371	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
TRIM45	Q9H8W5	hsa-miR-50	0.725279	10	Very High	MBStar|MirTar2|bitargeting_May
IQGAP1	P46940	hsa-miR-50	0.724991	12	Very High	Cupid|MirTar2|PACCMIT|bitarget
NR3C2	P08235	hsa-miR-50	0.722771	11	Very High	Cupid|MBStar|PACCMIT|MirAnce
CREBRF	Q8IUR6	hsa-miR-50	0.722015	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
TARBP1	Q13395	hsa-miR-50	0.721943	11	Very High	MirTar2|PACCMIT|MirAncesTar|n
SERP1	Q9Y6X1	hsa-miR-50	0.720843	13	Very High	Cupid|MBStar|MirTar2|PACCMIT|
ELK3	P41970	hsa-miR-50	0.71941	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
JAG1	P78504	hsa-miR-50	0.718673	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
WIPF2	Q8TF74	hsa-miR-50	0.718074	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
ATP7A	Q04656	hsa-miR-50	0.714231	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
G3BP1	Q13283	hsa-miR-50	0.712938	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
KCNK10	P57789	hsa-miR-50	0.711132	12	Very High	MBStar|MirTar2|PACCMIT|bitarg
PLEKHM3	Q6ZWE6	hsa-miR-50	0.710996	12	Very High	Cupid|MBStar|MirTar2|bitargetin
RCOR1	Q9UKL0	hsa-miR-50	0.710701	12	Very High	Cupid|MBStar|PACCMIT|bitargeti
PTBP1	P26599	hsa-miR-50	0.709464	11	Very High	MBStar|MirTar2|PACCMIT|MirAn
ATMIN	O43313	hsa-miR-50	0.708627	9	Very High	Cupid|MirAncesTar|miranda_May_
SLC10A7	Q0GE19	hsa-miR-50	0.706923	9	Very High	MBStar|MirTar2|MirAncesTar|mi
LRRC57	Q8N9N7	hsa-miR-50	0.705067	15	Very High	Cupid|MBStar|MirTar2|PACCMIT|
ESRP1	Q6NXG1	hsa-miR-50	0.704141	11	Very High	Cupid|MBStar|MirAncesTar|miran
PI4K2B	Q8TCG2	hsa-miR-50	0.701373	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
DNAJC1	Q96KC8	hsa-miR-50	0.698887	12	Very High	Cupid|MBStar|MirTar2|bitargetin
QSER1	Q2KHR3	hsa-miR-50	0.698337	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
ITGB1	P05556	hsa-miR-50	0.697994	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|
XYLT1	Q86Y38	hsa-miR-50	0.694033	11	Very High	MBStar|MirTar2|PACCMIT|bitarge
SMARCAD1	Q9H4L7	hsa-miR-50	0.693607	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
ELOVL5	Q9NYP7	hsa-miR-50	0.693359	8	Very High	Cupid|MBStar|MirAncesTar|miRD
TMED1	Q13445	hsa-miR-50	0.692779	11	Very High	Cupid|MirTar2|PACCMIT|MirAnce
FRMD8	Q9BZ67	hsa-miR-50	0.690894	11	Very High	MBStar|MirTar2|PACCMIT|bitarge
MYO10	Q9HD67	hsa-miR-50	0.690496	11	Very High	MBStar|MirTar2|PACCMIT|bitarge
RSRC2	Q7L4I2	hsa-miR-50	0.690399	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
SP1	P08047	hsa-miR-50	0.688241	11	Very High	Cupid|MBStar|PACCMIT|bitargeti
RBMS1	P29558	hsa-miR-50	0.68739	10	Very High	Cupid|MBStar|MirTar2|bitargetin
PDCD6	O75340	hsa-miR-50	0.687054	10	Very High	Cupid|MBStar|MirTar2|MirAnces

ROCK1	Q13464	hsa-miR-50	0.686845	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
PARP16	Q8N5Y8	hsa-miR-50	0.686663	10	Very High	Cupid|MirTar2|PACCMIT|bitarget
TMEM109	Q9BVC6	hsa-miR-50	0.683689	10	Very High	Cupid|MirTar2|PACCMIT|MirAnce
MBOAT2	Q6ZWT7	hsa-miR-50	0.683204	8	Very High	Cupid|MBStar|MirAncesTar|mirar
XPO4	Q9C0E2	hsa-miR-50	0.682275	11	Very High	Cupid|MBStar|PACCMIT|bitargeti
TOR3A	Q9H497	hsa-miR-50	0.680766	10	Very High	Cupid|PACCMIT|MirAncesTar|mir
SERTAD4	Q9NUC0	hsa-miR-50	0.679143	12	Very High	Cupid|MirTar2|PACCMIT|bitarget
RYR3	Q15413	hsa-miR-50	0.679106	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
MYLIP	Q8WY64	hsa-miR-50	0.67818	7	Very High	Cupid|MBStar|MirAncesTar|miRD
RAB34	P0DI83	hsa-miR-50	0.677839	10	Very High	Cupid|MirTar2|PACCMIT|MirAnce
ZNF608	Q9ULD9	hsa-miR-50	0.677461	7	Very High	Cupid|MBStar|miRDB_v6|mirmap
RAD17	O75943	hsa-miR-50	0.676985	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|
SLC31A2	O15432	hsa-miR-50	0.676225	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
PLCXD3	Q63HM9	hsa-miR-50	0.673626	9	Very High	Cupid|MBStar|PACCMIT|MirAnce
FRMD4B	Q9Y2L6	hsa-miR-50	0.673518	11	Very High	MBStar|MirTar2|PACCMIT|MirAn
FUT10	Q6P4F1	hsa-miR-50	0.673234	9	Very High	Cupid|MBStar|MirAncesTar|mirar
STT3A	P46977	hsa-miR-50	0.67119	11	Very High	MBStar|MirTar2|bitargeting_May_
PGM2	Q96G03	hsa-miR-50	0.671085	10	Very High	MBStar|MirTar2|bitargeting_May_
AMOTL1	Q8IY63	hsa-miR-50	0.67051	11	Very High	MBStar|MirTar2|PACCMIT|bitarge
ANXA7	P20073	hsa-miR-50	0.669558	7	Very High	Cupid|MBStar|MirAncesTar|miRD
LYSMD3	Q7Z3D4	hsa-miR-50	0.669268	8	Very High	Cupid|MBStar|MirAncesTar|mirar
PALLD	Q8WX93	hsa-miR-50	0.669264	10	Very High	Cupid|MBStar|PACCMIT|MirAnce
GLI3	P10071	hsa-miR-50	0.669059	10	Very High	Cupid|MirTar2|PACCMIT|MirAnce
RNPEPL1	Q9HAU8	hsa-miR-50	0.668141	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
SLC39A9	Q9NUM3	hsa-miR-50	0.668056	10	Very High	Cupid|MBStar|bitargeting_May_2
KATNA1	O75449	hsa-miR-50	0.66753	10	Very High	MBStar|MirTar2|bitargeting_May_
ELL2	O00472	hsa-miR-50	0.666921	8	Very High	Cupid|MBStar|MirAncesTar|miRD
THAP2	Q9H0W7	hsa-miR-50	0.666751	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
SCAMP2	O15127	hsa-miR-50	0.665812	12	Very High	Cupid|MirTar2|PACCMIT|bitarget
ATF7IP	Q6VMQ6	hsa-miR-50	0.665485	11	Very High	Cupid|MirTar2|PACCMIT|MirAnce
CTDSPL	O15194	hsa-miR-50	0.665282	13	Very High	Cupid|MirTar2|PACCMIT|bitarget
HIPK1	Q86Z02	hsa-miR-50	0.664833	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
SNTB2	Q13425	hsa-miR-50	0.664821	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
FAM199X	Q6PEV8	hsa-miR-50	0.664351	11	Very High	Cupid|MBStar|MirTar2|MirAnces
RAVER1	Q8IY67	hsa-miR-50	0.664348	9	Very High	Cupid|PACCMIT|MirAncesTar|mir
GRIA2	P42262	hsa-miR-50	0.663084	12	Very High	Cupid|MirTar2|PACCMIT|
RBM24	Q9BX46	hsa-miR-50	0.662731	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
FAM177A1	Q8N128	hsa-miR-50	0.662049	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
ZNF449	Q6P9G9	hsa-miR-50	0.660884	12	Very High	Cupid|MBStar|MirTar2|bitargetin
ATP6V0A2	Q9Y487	hsa-miR-50	0.660491	10	Very High	Cupid|MBStar|bitargeting_May_2
RFX4	Q33E94	hsa-miR-50	0.660421	10	Very High	MBStar|MirTar2|PACCMIT|MirAn
SURF4	O15260	hsa-miR-50	0.659828	8	Very High	Cupid|bitargeting_May_2021|Mir
CBLN4	Q9NTU7	hsa-miR-50	0.659697	8	Very High	Cupid|MBStar|MirAncesTar|miRD
NFATC1	O95644	hsa-miR-50	0.659124	11	Very High	Cupid|MBStar|MirTar2|bitargetin
CREB3L2	Q70SY1	hsa-miR-50	0.658287	12	Very High	MBStar|MirTar2|PACCMIT|bitarge
PTPRD	P23468	hsa-miR-50	0.656521	11	Very High	Cupid|MBStar|PACCMIT|bitargeti
CDK4	P11802	hsa-miR-50	0.655709	7	Very High	Cupid|MBStar|MirAncesTar|miRD
SUCLG2	Q96I99	hsa-miR-50	0.65499	7	Very High	Cupid|MirAncesTar|miRDB_v6|mi
KCNK2	O95069	hsa-miR-50	0.654263	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
ACAA2	P42765	hsa-miR-50	0.653684	7	Very High	Cupid|MBStar|MirAncesTar|miRD

FOXQ1	Q9C009	hsa-miR-50	0.653364	10	Very High	MBStar|PACCMIT|MirAncesTar|m
RELA	Q04206	hsa-miR-50	0.652921	10	Very High	Cupid|MirTar2|PACCMIT|MirAnce
TTL	Q8NG68	hsa-miR-50	0.651695	11	Very High	MBStar|MirTar2|PACCMIT|MirAn
SLC35F5	Q8WV83	hsa-miR-50	0.65145	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|
PLEKHH1	Q9ULM0	hsa-miR-50	0.651235	13	Very High	MBStar|MirTar2|PACCMIT|bitarge
BLOC1S6	Q9UL45	hsa-miR-50	0.651099	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
SERTAD3	Q9UJW9	hsa-miR-50	0.64857	6	Very High	Cupid|MirAncesTar|miRDB_v6|mi
LHX2	P50458	hsa-miR-50	0.647753	11	Very High	Cupid|MBStar|PACCMIT|MirAnce
LITAF	Q99732	hsa-miR-50	0.647587	8	Very High	Cupid|MBStar|MirAncesTar|miRD
PCDH8	O95206	hsa-miR-50	0.647142	10	Very High	Cupid|MirTar2|MirAncesTar|mira
RNF128	Q8TEB7	hsa-miR-50	0.647094	10	Very High	Cupid|MBStar|PACCMIT|MirAnce
LPP	Q93052	hsa-miR-50	0.646895	11	Very High	MBStar|MirTar2|PACCMIT|bitarge
AIDA	Q96BJ3	hsa-miR-50	0.646639	12	Very High	Cupid|MBStar|MirTar2|bitargetin
CHODL	Q9H9P2	hsa-miR-50	0.644637	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|
GXYLT1	Q4G148	hsa-miR-50	0.644017	9	Very High	MBStar|MirTar2|MirAncesTar|mi
VSNL1	P62760	hsa-miR-50	0.642741	7	Very High	Cupid|MirAncesTar|miRDB_v6|mi
OSBPL11	Q9BXB4	hsa-miR-50	0.642343	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
SNX18	Q96RF0	hsa-miR-50	0.642327	9	Very High	Cupid|MBStar|MirAncesTar|mirar
PITPNA	Q00169	hsa-miR-50	0.641388	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
PLEKHF2	Q9H8W4	hsa-miR-50	0.640522	11	Very High	Cupid|MirTar2|PACCMIT|bitarget
BCAT1	P54687	hsa-miR-50	0.640067	12	Very High	MBStar|MirTar2|PACCMIT|bitarge
PRKAG2	Q9UGJ0	hsa-miR-50	0.639969	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
PAPSS2	O95340	hsa-miR-50	0.639598	11	Very High	Cupid|MBStar|MirTar2|MirAnces
CHP1	Q99653	hsa-miR-50	0.637735	11	Very High	MBStar|MirTar2|PACCMIT|MirAn
KLF4	O43474	hsa-miR-50	0.637647	6	Very High	Cupid|MirAncesTar|miRDB_v6|mi
PLXNB2	O15031	hsa-miR-50	0.637442	11	Very High	Cupid|MirTar2|PACCMIT|MirAnce
PPFIBP2	Q8ND30	hsa-miR-50	0.637385	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
KCNJ6	P48051	hsa-miR-50	0.637315	9	Very High	MBStar|bitargeting_May_2021|m
ALG2	Q9H553	hsa-miR-50	0.635657	9	Very High	MirTar2|PACCMIT|MirAncesTar|n
CPT1A	P50416	hsa-miR-50	0.634041	12	Very High	MBStar|MirTar2|bitargeting_May_
VPS37C	A5D8V6	hsa-miR-50	0.63344	11	Very High	Cupid|MBStar|MirTar2|PACCMIT|
PHF6	Q8IWS0	hsa-miR-50	0.631976	11	Very High	Cupid|MBStar|MirTar2|bitargetin
PNN	Q9H307	hsa-miR-50	0.631788	7	Very High	Cupid|MBStar|mirbase|miRDB_v6
FAM222B	Q8WU58	hsa-miR-50	0.631755	8	Very High	Cupid|MBStar|MirAncesTar|mirm
ASPA	P45381	hsa-miR-50	0.631315	11	Very High	MBStar|MirTar2|PACCMIT|MirAn
PRKD1	Q15139	hsa-miR-50	0.63049	10	Very High	Cupid|MBStar|PACCMIT|MirAnce
CNN3	Q15417	hsa-miR-50	0.630433	7	Very High	Cupid|MirAncesTar|miRDB_v6|mi
SERTAD2	Q14140	hsa-miR-50	0.630353	12	Very High	Cupid|MBStar|MirTar2|PACCMIT|
AHR	P35869	hsa-miR-50	0.629713	10	Very High	Cupid|MBStar|PACCMIT|MirAnce
DDAH1	O94760	hsa-miR-50	0.56367	12	Very High	MBStar|MirTar2|MultiMiTar|bitar
OSBP	P22059	hsa-miR-50	0.55981	10	Very High	MBStar|MirTar2|MultiMiTar|PAC
TCF7L2	Q9NQB0	hsa-miR-50	0.558748	12	Very High	Cupid|MBStar|MirTar2|MultiMiTa
PBX3	P40426	hsa-miR-50	0.55544	11	Very High	Cupid|MBStar|MirTar2|MultiMiTa
ST3GAL2	Q16842	hsa-miR-50	0.534163	12	Very High	MBStar|MirTar2|MultiMiTar|bitar
TP53INP1	Q96A56	hsa-miR-50	0.533789	10	Very High	Cupid|MBStar|MirTar2|MultiMiTa
LARP4	Q71RC2	hsa-miR-50	0.533094	12	Very High	Cupid|MBStar|MultiMiTar|PACCM
YAP1	P46937	hsa-miR-50	0.515874	11	Very High	MBStar|MirTar2|MultiMiTar|bitar
VEZF1	Q14119	hsa-miR-50	0.515293	9	Very High	Cupid|MirTar2|MultiMiTar|PACCM
KATNBL1	Q9H079	hsa-miR-50	0.494778	9	Very High	Cupid|MirTar2|PACCMIT|MirAnce
PLP1	P60201	hsa-miR-50	0.488892	10	Very High	Cupid|MBStar|MirTar2|PACCMIT|

RAB5C	P51148	hsa-miR-50	0.487131	10	Very High	MirTar2|PACCMIT|bitargeting_Ma
SLC37A2	Q8TED4	hsa-miR-50	0.485964	9	Very High	MBStar|MirTar2|bitargeting_May_
PHLPP2	Q6ZVD8	hsa-miR-50	0.485364	12	Very High	MBStar|MirTar2|MultiMiTar|PAC
PTEN	P60484	hsa-miR-50	0.480112	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
RNF130	Q86XS8	hsa-miR-50	0.475704	10	Very High	MirTar2|PACCMIT|MirAncesTar|n
CES3	Q6UWW8	hsa-miR-50	0.464158	10	Very High	MirTar2|bitargeting_May_2021|M
USP47	Q96K76	hsa-miR-50	0.462221	11	Very High	Cupid|MBStar|MirTar2|bitargetin
SNX13	Q9Y5W8	hsa-miR-50	0.458527	10	Very High	Cupid|MBStar|MirTar2|bitargetin
KCNMA1	Q12791	hsa-miR-50	0.458447	9	Very High	Cupid|MBStar|MultiMiTar|MirAn
NLK	Q9UBE8	hsa-miR-50	0.45642	9	Very High	Cupid|MBStar|PACCMIT|bitargeti
ENPP2	Q13822	hsa-miR-50	0.449184	9	Very High	Cupid|MBStar|MirTar2|PACCMIT|
MMD2	Q8IY49	hsa-miR-50	0.448388	9	Very High	MBStar|MirTar2|bitargeting_May_
LCORL	Q8N3X6	hsa-miR-50	0.437007	9	Very High	Cupid|MBStar|MirTar2|PACCMIT|
SCG3	Q8WXD2	hsa-miR-50	0.434941	10	Very High	MBStar|MirTar2|MirAncesTar|mi
HCN1	O60741	hsa-miR-50	0.433885	8	Very High	Cupid|MBStar|MirTar2|PACCMIT|
RYBP	Q8N488	hsa-miR-50	0.429162	10	Very High	MBStar|MirTar2|MultiMiTar|PAC
MYOCD	Q8IZQ8	hsa-miR-50	0.427414	10	Very High	MBStar|MirTar2|bitargeting_May_
SF3B4	Q15427	hsa-miR-50	0.425321	8	Very High	PACCMIT|MirAncesTar|miranda_
ZNF423	Q2M1K9	hsa-miR-50	0.418971	8	Very High	Cupid|MBStar|bitargeting_May_2
KLF6	Q99612	hsa-miR-50	0.416417	9	Very High	Cupid|MBStar|MirTar2|MirAnces
ERLIN2	O94905	hsa-miR-50	0.410031	9	Very High	MBStar|MirTar2|MultiMiTar|MirA
LRRTM1	Q86UE6	hsa-miR-50	0.406259	9	Very High	MBStar|MirTar2|PACCMIT|MirAn
PRKACB	P22694	hsa-miR-50	0.40498	10	Very High	MBStar|MultiMiTar|bitargeting_M
TTC17	Q96AE7	hsa-miR-50	0.402819	9	Very High	Cupid|MBStar|MirTar2|MirAnces
NR1D2	Q14995	hsa-miR-50	0.402221	9	Very High	Cupid|MBStar|bitargeting_May_2
CRK	P46108	hsa-miR-50	0.402001	7	Very High	Cupid|bitargeting_May_2021|Mir
STAC	Q99469	hsa-miR-50	0.401967	10	Very High	Cupid|MBStar|MirTar2|MirAnces
CACNB4	O00305	hsa-miR-50	0.401022	10	Very High	MBStar|MirTar2|MultiMiTar|MirA
SFPQ	P23246	hsa-miR-50	0.399752	10	Very High	MBStar|MirTar2|bitargeting_May_
ARHGAP1	Q07960	hsa-miR-50	0.399541	8	Very High	MirTar2|PACCMIT|MirAncesTar|n
OSCAR	Q8IYS5	hsa-miR-50	0.399218	9	Very High	MBStar|MirTar2|bitargeting_May_
ACVR2A	P27037	hsa-miR-50	0.398966	10	Very High	Cupid|MBStar|MirTar2|bitargetin
IL1A	P01583	hsa-miR-50	0.396497	9	Very High	MirTar2|MirAncesTar|miranda_M
AMOT	Q4VCS5	hsa-miR-50	0.396231	10	Very High	MBStar|MultiMiTar|MirAncesTar|
KIF3B	O15066	hsa-miR-50	0.39599	10	Very High	Cupid|MBStar|MultiMiTar|bitarge
RC3H1	Q5TC82	hsa-miR-50	0.395164	9	Very High	Cupid|MBStar|MultiMiTar|MirAn
PCDHA4	Q9UN74	hsa-miR-50	0.393916	10	Very High	MBStar|PACCMIT|bitargeting_Ma
KCNJ3	P48549	hsa-miR-50	0.39371	8	Very High	Cupid|MBStar|MirTar2|MirAnces
CD164	Q04900	hsa-miR-50	0.391775	7	Very High	Cupid|MBStar|MirAncesTar|mira
PCDH7	O60245	hsa-miR-50	0.391336	8	Very High	Cupid|MBStar|MirAncesTar|mira
MEIS1	O00470	hsa-miR-50	0.386588	8	Very High	Cupid|MBStar|PACCMIT|MirAnce
CTSC	P53634	hsa-miR-50	0.38599	10	Very High	MBStar|MirTar2|MirAncesTar|mi
UNC13B	O14795	hsa-miR-50	0.385379	10	Very High	MirTar2|bitargeting_May_2021|M
MAP3K8	P41279	hsa-miR-50	0.385043	9	Very High	MBStar|MirTar2|MirAncesTar|mi
MLF1	P58340	hsa-miR-50	0.382073	9	Very High	MBStar|PACCMIT|MirAncesTar|m
PCDHAC1	Q9H158	hsa-miR-50	0.376698	8	Very High	Cupid|bitargeting_May_2021|Mir
ARID5B	Q14865	hsa-miR-50	0.365753	8	Very High	Cupid|MBStar|MultiMiTar|MirAn
ZNF345	Q14585	hsa-miR-50	0.36469	8	Very High	MBStar|MirTar2|bitargeting_May_
GOLPH3	Q9H4A6	hsa-miR-50	0.364078	9	Very High	Cupid|MBStar|MirTar2|bitargetin
TRPA1	O75762	hsa-miR-50	0.363992	10	Very High	MBStar|MirTar2|bitargeting_May_

PIK3C2A	O00443	hsa-miR-50	0.361103	10	Very High	MBStar|MultiMiTar|bitargeting_M
KLK7	P49862	hsa-miR-50	0.359994	11	Very High	MBStar|MirTar2|bitargeting_May_
NAV1	Q8NEY1	hsa-miR-50	0.359515	8	Very High	MBStar|MultiMiTar|PACCMIT|Mir
WLS	Q5T9L3	hsa-miR-50	0.353983	9	Very High	MBStar|MirTar2|MirAncesTar|mir
EIF4E	P06730	hsa-miR-50	0.35334	7	Very High	Cupid|MBStar|MirAncesTar|miRD
APOD	P05090	hsa-miR-50	0.350228	9	Very High	MirTar2|bitargeting_May_2021|M
BRDT	Q58F21	hsa-miR-50	0.349573	9	Very High	MBStar|MirTar2|bitargeting_May_
MCFD2	Q8NI22	hsa-miR-50	0.349364	9	Very High	MBStar|MirTar2|bitargeting_May_
BICD2	Q8TD16	hsa-miR-50	0.348913	8	Very High	Cupid|MBStar|MultiMiTar|MirAn
CHD9	Q3L8U1	hsa-miR-50	0.348476	7	Very High	Cupid|MBStar|MultiMiTar|MirAn
CMTM6	Q9NX76	hsa-miR-50	0.347712	6	Very High	MultiMiTar|MirAncesTar|miranda
ZIC3	O60481	hsa-miR-50	0.346638	8	Very High	MBStar|MirTar2|MultiMiTar|MirA
NPAS2	Q99743	hsa-miR-50	0.346505	10	Very High	MBStar|PACCMIT|MirAncesTar|m
AHCYL1	O43865	hsa-miR-50	0.346335	7	Very High	Cupid|MirAncesTar|miranda_May_
SGCB	Q16585	hsa-miR-50	0.344381	10	Very High	MBStar|PACCMIT|bitargeting_Ma
C4orf46	Q504U0	hsa-miR-50	0.343474	8	Very High	MBStar|MirTar2|MultiMiTar|MirA
BTBD7	Q9P203	hsa-miR-50	0.343405	9	Very High	MBStar|MultiMiTar|MirAncesTar|
DEDD	O75618	hsa-miR-50	0.339292	9	Very High	MBStar|PACCMIT|MirAncesTar|m
SEMA5A	Q13591	hsa-miR-50	0.339041	10	Very High	MBStar|MirTar2|bitargeting_May_
CDK17	Q00537	hsa-miR-50	0.338904	9	Very High	MBStar|bitargeting_May_2021|M
DCLK1	O15075	hsa-miR-50	0.337967	10	Very High	MBStar|MirTar2|bitargeting_May_
RAC1	P63000	hsa-miR-50	0.337725	8	Very High	MBStar|MirTar2|MirAncesTar|mir
ATXN1	P54253	hsa-miR-50	0.337564	9	Very High	MBStar|MirTar2|MultiMiTar|bitar
ZMAT3	Q9HA38	hsa-miR-50	0.337389	8	Very High	MBStar|MirTar2|MirAncesTar|mir
SLC46A1	Q96NT5	hsa-miR-50	0.336132	10	Very High	MBStar|bitargeting_May_2021|M
TRIO	O75962	hsa-miR-50	0.333444	8	Very High	Cupid|MBStar|MirAncesTar|mirba
HABP4	Q5JVS0	hsa-miR-50	0.331677	6	Very High	MirTar2|MirAncesTar|miranda_M
JADE1	Q6IE81	hsa-miR-50	0.328987	7	Very High	Cupid|MBStar|MirAncesTar|miran
ZNF536	O15090	hsa-miR-50	0.328885	7	Very High	Cupid|bitargeting_May_2021|Mir
WDR5B	Q86VZ2	hsa-miR-50	0.328369	9	Very High	MBStar|MirTar2|MirAncesTar|mir
ATXN7	O15265	hsa-miR-50	0.326633	8	Very High	Cupid|MBStar|bitargeting_May_2
BEND6	Q5SZJ8	hsa-miR-50	0.325735	10	Very High	MBStar|MirTar2|bitargeting_May_
IGF2BP2	Q9Y6M1	hsa-miR-50	0.324576	10	Very High	MBStar|MultiMiTar|bitargeting_M
MMGT1	Q8N4V1	hsa-miR-50	0.324321	8	Very High	MBStar|MultiMiTar|bitargeting_M
KIAA1328	Q86T90	hsa-miR-50	0.324099	9	Very High	MBStar|MirTar2|MultiMiTar|MirA
MEX3C	Q5U5Q3	hsa-miR-50	0.32257	6	Very High	Cupid|MBStar|miRDB_v6|MiRNAT
PTPN13	Q12923	hsa-miR-50	0.321725	8	Very High	MBStar|PACCMIT|MirAncesTar|m
NETO2	Q8NC67	hsa-miR-50	0.321231	9	Very High	MBStar|MirAncesTar|miranda_Ma
PCDH19	Q8TAB3	hsa-miR-50	0.32105	6	Very High	Cupid|MBStar|MultiMiTar|MirAn
PDCD6IP	Q8WUM4	hsa-miR-50	0.320467	10	Very High	MBStar|MirTar2|bitargeting_May_
INSIG1	O15503	hsa-miR-50	0.320035	7	Very High	MBStar|PACCMIT|MirAncesTar|m
MAP3K1	Q13233	hsa-miR-50	0.319657	8	Very High	Cupid|MBStar|MirAncesTar|miran
MTMR3	Q13615	hsa-miR-50	0.317929	8	Very High	MBStar|PACCMIT|MirAncesTar|m
NCALD	P61601	hsa-miR-50	0.317137	8	Very High	MBStar|bitargeting_May_2021|M
PCDHA2	Q9Y5H9	hsa-miR-50	0.315921	9	Very High	MBStar|bitargeting_May_2021|M
HDAC9	Q9UKV0	hsa-miR-50	0.315539	6	Very High	Cupid|MBStar|MultiMiTar|MirAn
PCDH8	O95206	hsa-miR-50	0.314869	5	Very High	Cupid|miRDB_v6|MiRNATIP|mirz
PKIA	P61925	hsa-miR-50	0.31465	7	Very High	Cupid|MBStar|MirAncesTar|miran
COCH	O43405	hsa-miR-50	0.314251	6	Very High	MirTar2|MirAncesTar|miranda_M
ARID1A	O14497	hsa-miR-50	0.313676	5	Very High	Cupid|MBStar|MiRNATIP|mirzag|

EHD3	Q9NZN3	hsa-miR-50	0.313611	10	Very High	MBStar|MirTar2|bitargeting_May_
ZFAND3	Q9H8U3	hsa-miR-50	0.313292	8	Very High	MirTar2|PACCMIT|bitargeting_Ma
ANKRD40	Q6AI12	hsa-miR-50	0.313054	7	Very High	MBStar|PACCMIT|MirAncesTar|m
KAT6B	Q8WYB5	hsa-miR-50	0.313025	6	Very High	Cupid|MirAncesTar|miranda_May
NECAP1	Q8NC96	hsa-miR-50	0.312425	8	Very High	Cupid|MBStar|bitargeting_May_2
ANKH	Q9HCJ1	hsa-miR-50	0.312416	8	Very High	MBStar|MirTar2|MirAncesTar|mi
PCDHA11	Q9Y5I1	hsa-miR-50	0.311979	9	Very High	MBStar|bitargeting_May_2021|M
BRWD3	Q6RI45	hsa-miR-50	0.311757	7	Very High	MBStar|bitargeting_May_2021|M
OTX2	P32243	hsa-miR-50	0.311236	9	Very High	MBStar|PACCMIT|bitargeting_Ma
SERPINB9	P50453	hsa-miR-50	0.309237	8	Very High	bitargeting_May_2021|MirAncesT
FLI1	Q01543	hsa-miR-50	0.307977	9	Very High	MBStar|bitargeting_May_2021|M
IRAK3	Q9Y616	hsa-miR-50	0.307171	8	Very High	MBStar|MirTar2|MirAncesTar|mi
WNK1	Q9H4A3	hsa-miR-50	0.303921	7	Very High	Cupid|MBStar|MirAncesTar|mirar
USP42	Q9H9J4	hsa-miR-50	0.303835	7	Very High	Cupid|MirAncesTar|miRDB_v6|M
COG5	Q9UP83	hsa-miR-50	0.303609	8	Very High	MBStar|bitargeting_May_2021|M
IL13RA1	P78552	hsa-miR-50	0.303568	8	Very High	MirTar2|MirAncesTar|miranda_M
ELAVL1	Q15717	hsa-miR-50	0.303196	8	Very High	MBStar|bitargeting_May_2021|M
TAOK3	Q9H2K8	hsa-miR-50	0.302811	6	Very High	Cupid|MirAncesTar|miranda_May
PSD3	Q9NYI0	hsa-miR-50	0.302713	9	Very High	MBStar|MirAncesTar|miranda_Ma
CALB1	P05937	hsa-miR-50	0.302414	7	Very High	MBStar|MirTar2|MirAncesTar|mi
ZNF107	Q9UII5	hsa-miR-50	0.302062	8	Very High	MBStar|MirTar2|MirAncesTar|mi
TET1	Q8NFU7	hsa-miR-50	0.301954	7	Very High	MBStar|MultiMiTar|MirAncesTar|
GOSR1	O95249	hsa-miR-50	0.301645	9	Very High	MBStar|MirTar2|MultiMiTar|bita
BDH2	Q9BUT1	hsa-miR-50	0.30155	9	Very High	MBStar|MirTar2|MirAncesTar|mi
PBLD	P30039	hsa-miR-50	0.301134	8	Very High	MBStar|MirTar2|MirAncesTar|mi
ZBTB10	Q96DT7	hsa-miR-50	0.299792	6	Very High	Cupid|MBStar|MirAncesTar|MiRN
DMRT3	Q9NQL9	hsa-miR-50	0.299396	7	Very High	PACCMIT|MirAncesTar|miranda_N
VGLL4	Q14135	hsa-miR-50	0.299323	9	Very High	MBStar|bitargeting_May_2021|M
PJA1	Q8NG27	hsa-miR-50	0.298312	8	Very High	MBStar|MirTar2|MirAncesTar|mi
ABCB10	Q9NRK6	hsa-miR-50	0.297636	7	Very High	MBStar|MirTar2|MirAncesTar|mi
XPR1	Q9UBH6	hsa-miR-50	0.296766	6	Very High	Cupid|MBStar|MirAncesTar|MiRN
NTRK3	Q16288	hsa-miR-50	0.296424	8	Very High	MirTar2|bitargeting_May_2021|N
CNKSR2	Q8WXI2	hsa-miR-50	0.295276	7	Very High	Cupid|MBStar|bitargeting_May_2
ST8SIA3	O43173	hsa-miR-50	0.295181	9	Very High	MBStar|MirTar2|bitargeting_May
PPP2R5C	Q13362	hsa-miR-50	0.295076	9	Very High	MBStar|MirAncesTar|miranda_Ma
PHF20L1	A8MW92	hsa-miR-50	0.293268	8	Very High	MBStar|MirTar2|bitargeting_May
ADAM10	O14672	hsa-miR-50	0.293234	6	Very High	Cupid|MBStar|MiRNATIP|mirzag|
PELO	Q9BRX2	hsa-miR-50	0.292493	7	Very High	MBStar|MirTar2|MirAncesTar|mi
PCDHA6	Q9UN73	hsa-miR-50	0.292386	8	Very High	bitargeting_May_2021|MirAncesT
TYRP1	P17643	hsa-miR-50	0.290727	6	Very High	MBStar|MirTar2|MirAncesTar|mi
APOBEC2	Q9Y235	hsa-miR-50	0.290382	6	Very High	MirTar2|MirAncesTar|miranda_M
NRN1	Q9NPD7	hsa-miR-50	0.289853	8	Very High	MBStar|MirAncesTar|miranda_Ma
PCDHA1	Q9Y5I3	hsa-miR-50	0.288904	8	Very High	MBStar|bitargeting_May_2021|M
PCDHA3	Q9Y5H8	hsa-miR-50	0.288536	8	Very High	MBStar|bitargeting_May_2021|M
PCDHA13	Q9Y5I0	hsa-miR-50	0.288413	8	Very High	MBStar|bitargeting_May_2021|M
DAZL	Q92904	hsa-miR-50	0.288016	6	Very High	Cupid|MirAncesTar|MiRNATIP|mi
PCDHA10	Q9Y5I2	hsa-miR-50	0.287982	8	Very High	MBStar|bitargeting_May_2021|M
ANO5	Q75V66	hsa-miR-50	0.287911	7	Very High	MBStar|MirTar2|MirAncesTar|mi
PCDHA12	Q9UN75	hsa-miR-50	0.287762	8	Very High	MBStar|bitargeting_May_2021|M
NAV2	Q8IVL1	hsa-miR-50	0.287334	8	Very High	MBStar|MultiMiTar|bitargeting_N

TMPRSS11	Q9UL52	hsa-miR-50	0.287078	9	Very High	MBStar|bitargeting_May_2021|M
GULP1	Q9UBP9	hsa-miR-50	0.286942	7	Very High	Cupid|MBStar|bitargeting_May_2
APOL6	Q9BWW8	hsa-miR-50	0.286767	7	Very High	MirTar2|bitargeting_May_2021|N
NECAB1	Q8N987	hsa-miR-50	0.285832	8	Very High	MBStar|MultiMiTar|bitargeting_N
IFIT1	P09914	hsa-miR-50	0.285356	7	Very High	MBStar|MirAncesTar|miranda_M
SCUBE3	Q8IX30	hsa-miR-50	0.284839	7	Very High	MBStar|MultiMiTar|bitargeting_N
CCNJ	Q5T5M9	hsa-miR-50	0.284729	8	Very High	MBStar|MultiMiTar|MirAncesTar|

ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag
.021|miRDB_v6|mirzag|PITA_May_2021
ıg_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2(
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
esTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
eting_May_2021|MirAncesTar|miranda_May_2021|mirbase|mirzag
r_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|RNA22
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
ay_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
:ing_May_2021|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag
esTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|RNA22
ıcesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
Tar|miranda_May_2021|mirbase|MiRNATIP|mirzag
eting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
r_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021
eting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
esTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
ing_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
Tar|miranda_May_2021|MiRNATIP|mirzag
r_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
|MirAncesTar|miranda_May_2021|mirzag
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
ıcesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag
r_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RN/
eting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|RNA22
ıcesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
esTar|miranda_May_2021|MiRNATIP|mirzag

esTar|miranda_May_2021|mirzag|RNA22
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
Tar|miranda_May_2021|mirzag
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
esTar|miranda_May_2021|MiRNATIP|mirzag
Tar|miranda_May_2021|MiRNATIP|mirzag
ncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
Tar|miranda_May_2021|MiRNATIP|mirzag|RNA22
esTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
|MirAncesTar|miranda_May_2021|mirzag
|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
ay_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
nda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
eting_May_2021|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May_2021
randa_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021
ay_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
nda_May_2021|miRDB_v6|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
g_May_2021|MirAncesTar|miranda_May_2021|mirzag
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
ncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
nda_May_2021|mirbase|MiRNATIP
nda_May_2021|miRDB_v6|MiRNATIP|mirzag
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
niranda_May_2021|miRDB_v6|MiRNATIP|mirzag
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
nda_May_2021|miRDB_v6|MiRNATIP|mirzag
esTar|miranda_May_2021|mirbase|MiRNATIP
nda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
ay_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag

May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
esTar|miranda_May_2021|miRDB_v6|MiRNATIP|RNA22
cesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
nda_May_2021|miRDB_v6|MiRNATIP|mirzag
nda_May_2021|mirbase|MiRNATIP|mirzag
May_2021|miRDB_v6|MiRNATIP|mirzag
anda_May_2021|MiRNATIP|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
randa_May_2021|miRDB_v6|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP
nda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag
Tar|miranda_May_2021|MiRNATIP|mirzag
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag
DB_v6|MiRNATIP|mirzag|RNA22
y_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
cesTar|miranda_May_2021|mirbase|mirzag
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
iranda_May_2021|miRDB_v6|mirzag|RNA22
ng_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
2021|MirAncesTar|miranda_May_2021|MiRNATIP|RNA22
iranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
miranda_May_2021|mirbase|miRDB_v6
cesTar|miranda_May_2021|miRDB_v6|mirzag
y_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
g_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
May_2021|mirbase|miRDB_v6|mirzag
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
May_2021|mirbase
y_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
nda_May_2021|mirbase|MiRNATIP|mirzag
_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
nda_May_2021|miRDB_v6|mirzag
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
ay_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
cesTar|miranda_May_2021|MiRNATIP|mirzag
NATIP|mirzag

esTar|miranda_May_2021|MiRNATIP
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22
ıcesTar|miranda_May_2021|miRDB_v6
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|mirzag
esTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|TargetScan_v7_2
:ing_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA
g_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|TargetScan_v7_2
|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
ıcesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
AncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetSca
|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22|TargetScan_v7_2
miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_
AncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
:ing_May_2021|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|RNA22|TargetScan_v7_
GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
lirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
ing_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirmap_May_2021|MiRNATIP|mirzag|I
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
AncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
ncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
ıcesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
irAncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
irAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v
ncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
ing_May_2021|MirAncesTar|miranda_May_2021|mirzag|TargetScan_v7_2
2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
y_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|
|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan
ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2

|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
AncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
ing_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
_2021|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|TargetScan_v7_2
y_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|mirzag|RNA22|TargetScan_v7_2
esTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|
AncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
ncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|TargetScan_v7_2
y_2021|mirbase|miRDB_v6|mirzag|TargetScan_v7_2
ncesTar|miranda_May_2021|miRDB_v6|mirzag|TargetScan_v7_2
AncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
_2021|MirAncesTar|miranda_May_2021|mirbase|mirzag|TargetScan_v7_2
May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
miranda_May_2021|mirbase|MiRNATIP|mirzag|TargetScan_v7_2
ing_May_2021|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|TargetScan_v7_2
ing_May_2021|MirAncesTar|miranda_May_2021|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|Target
miranda_May_2021|miRDB_v6|mirzag|TargetScan_v7_2
ncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
argeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetSca
ing_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
ncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
y_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
AncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|TargetScan_v7_2
O|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
irAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
May_2021|miRDB_v6|MiRNATIP|TargetScan_v7_2
y_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|TargetScan_v7_2
ing_May_2021|MirAncesTar|miranda_May_2021|RNA22|TargetScan_v7_2

MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|TargetScan_v7_2
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
miranda_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
randa_May_2021|mirbase|MiRNATIP|mirzag|TargetScan_v7_2
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|TargetScan_v7_2
ncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
randa_May_2021|miRDB_v6|mirzag|RNA22|TargetScan_v7_2
2021|mirbase|miRDB_v6|mirzag|RNA22|TargetScan_v7_2
ncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|TargetScan_v7_2
miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
y_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|TargetScan_v7_2
anda_May_2021|mirbase|MiRNATIP|mirzag|TargetScan_v7_2
y_2021|MiRNATIP|mirzag|TargetScan_v7_2
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|TargetScan_v7_2
ing_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
ing_May_2021|MirAncesTar|miranda_May_2021|mirbase|mirzag|RNA22|TargetScan_v7_2
RTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22|Tar
anda_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
anda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
Tar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
May_2021|miRDB_v6|mirzag|TargetScan_v7_2
2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|TargetScan_v7_2
ar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
esTar|miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
_2021|MirAncesTar|miranda_May_2021|MiRNATIP|RNA22|TargetScan_v7_2
ing_May_2021|MirAncesTar|miranda_May_2021|mirzag|TargetScan_v7_2
randa_May_2021|mirbase|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|TargetScan_v7_2
y_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|TargetScan_v7_2
ay_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
y_2021|mirbase|MiRNATIP|mirzag|TargetScan_v7_2
ng_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021
esTar|miranda_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|RNA22
miranda_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
ar|miranda_May_2021|miRDB_v6|MiRNATIP|TargetScan_v7_2
iRNATIP|mirzag|TargetScan_v7_2
AncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
mirzag|RNA22|TargetScan_v7_2
2021|MirAncesTar|miranda_May_2021|miRDB_v6|TargetScan_v7_2
|MiRNATIP|TargetScan_v7_2
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|TargetScan_v7_2
ing_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RN

2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|I
g_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2(
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|RNA22
eting_May_2021|MirAncesTar|miranda_May_2021|mirbase|mirzag|PITA_May_2021|RNA22
GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22
g_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|PITA_May_2021|RNA22
r2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|I
niRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May_2021|RN
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|I
niRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021
AncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RN
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|I
miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
miranda_May_2021|mirbase|miRDB_v6|mirzag|RNA22
niRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|PITA_May_2021|RNA22|rna
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RN
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
O|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|RNA22
2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
miranda_May_2021|miRDB_v6|mirzag|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
niRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021

_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|RNA22
g_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
ay_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag
miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|RNA22
AncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021
AncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
RTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
AncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|PITA_May_2021|RNA22
eting_May_2021|miRTar2GO|MirAncesTar|miranda_May_2021|PITA_May_2021
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021

_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
r|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
AncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22|rnahybrid_M
AncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
AncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
ay_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
irAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
2021|miRTar2GO|MirAncesTar|miranda_May_2021|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021
2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag
randa_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
r|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
miRTar2GO|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|PITA_May_2021|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22|rnahybrid_
2021|miRTar2GO|MirAncesTar|mirzag|PITA_May_2021
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22

iRTar2GO|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22
cesTar|miranda_May_2021|miRDB_v6|PITA_May_2021|RNA22
RTar2GO|MirAncesTar|miranda_May_2021|mirbase|PITA_May_2021|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021
iRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22|rnahybrid_May
cesTar|MiRNATIP|mirzag|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|PITA_May_2021|RNA22
randa_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|miRTar2GO|MirAncesTar|miranda_May_2021|mirzag|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021
iRTar2GO|MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
ay_2021|miRTar2GO|MirAncesTar|miranda_May_2021|PITA_May_2021|RNA22
iRTar2GO|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|Mi
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetSc
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|
g_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|PITA_
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|PITA_May_2021
ay_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag
ing_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetS
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|TargetScan_v7_2
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|Mi
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetSc
g_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RN
Tar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|mirmap_May_2021|MiRNATIP|mi
eting_May_2021|MirAncesTar|miranda_May_2021|mirmap_May_2021|MiRNATIP|mirzag|TargetScan
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|
DB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2

|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetS⊄
ing_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|Ta
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|ι
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetS
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|PITA_May_2021|Target⊆
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|ι
ıg_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|Tar
ing_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|Ta
ːing_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|ι
ɾanda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|T
r_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|Ta
⊵sTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetS
r_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_
ːing_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|
⊵sTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|PITA_May_2021|TargetS⊄
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetS⊄
ɾniranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7,
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|Mι
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|ι
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|ι
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
eting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|R
ıg_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|RNA2
ing_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|ι
ıcesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7
y_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
ɾanda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|Mι
ɾnda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
ıg_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|Pl
|MirAncesTar|miranda_May_2021|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
)B_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
⊵sTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetS
ing_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|Ta
ıg_May_2021|MirAncesTar|miranda_May_2021|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7
Tar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2

|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
ting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|TargetSca
esTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
nda_May_2021|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
ing_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|Ta
randa_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
ting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|R
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
DB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|TargetScan_v7_2
_May_2021|mirzag|RNA22|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|mirmap_May_2021|mirzag|RNA22|TargetScan_v7_2
ncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7
nda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|T
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetSca
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|
DB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
nda_May_2021|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag
2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|TargetSc
DB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
ting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|
esTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_
ting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|R
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetSc
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22
Tar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
randa_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetSc
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
g_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RN
2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|mirzag|RNA22|TargetScan_v7_
ncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
AncesTar|miranda_May_2021|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
DB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
g_May_2021|MirAncesTar|miranda_May_2021|mirmap_May_2021|MiRNATIP|mirzag|RNA22|Target
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|
ing_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|Ta
DB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
irmap_May_2021|mirzag|RNA22|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
DB_v6|mirmap_May_2021|MiRNATIP|TargetScan_v7_2

iranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|TargetScan_v7_2
ncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
eting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATII
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|i
irmap_May_2021|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
DB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
anda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|
g_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|PITA_
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
randa_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
irmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetS
nda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
ing_May_2021|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|Targe
eting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|mirzag|RNA
Tar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
ncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_
irmap_May_2021|mirzag|TargetScan_v7_2
esTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|mirzag|TargetScan_v7_2
iranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|F
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|i
g_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|Tar
6|mirmap_May_2021|mirzag|TargetScan_v7_2
ap_May_2021|MiRNATIP|mirzag|RNA22|TargetScan_v7_2
ncesTar|miranda_May_2021|mirbase|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7
esTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
irmap_May_2021|mirzag|RNA22|TargetScan_v7_2
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|i
esTar|miranda_May_2021|miRDB_v6|mirmap_May_2021|MiRNATIP|mirzag|TargetScan_v7_2
rgeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_Ma
CMIT|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
ar|bitargeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RN
ar|PACCMIT|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
rgeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_Ma
ar|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
MIT|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May
rgeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
MIT|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
esTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
|bitargeting_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22

ay_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
r_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021
CMIT|bitargeting_May_2021|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May
esTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
g_May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
g_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
cesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|RNA22
ing_May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|RNA22
r_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|RNA22
|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
|MirAncesTar|miranda_May_2021|mirzag|RNA22
CMIT|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
r_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
2021|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
AncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
cesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
AncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag
Tar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May_2021|RNA22
r_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
r_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|RNA22
g_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
eting_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
cesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
ay_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
Tar|miranda_May_2021|miRDB_v6|mirzag|RNA22
nda_May_2021|MiRNATIP|mirzag|RNA22
nda_May_2021|mirbase|MiRNATIP|mirzag|RNA22
esTar|miranda_May_2021|miRDB_v6|MiRNATIP|RNA22
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
AncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
cesTar|MiRNATIP|mirzag|PITA_May_2021|RNA22
r_2021|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021
g_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
r_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22

May_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA
rAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
DB_v6|MiRNATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
cesTar|miranda_May_2021|MiRNATIP|PITA_May_2021|RNA22
cesTar|MiRNATIP|mirzag|RNA22
a_May_2021|miRDB_v6|MiRNATIP|mirzag
AncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
hiranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
y_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
ay_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
AncesTar|miranda_May_2021|miRDB_v6|mirzag|RNA22
|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
hiranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
rgeting_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
ase|miRDB_v6|MiRNATIP|PITA_May_2021|RNA22
May_2021|miRDB_v6|MiRNATIP|mirzag
nda_May_2021|miRDB_v6|MiRNATIP|RNA22
AncesTar|miranda_May_2021|mirbase|mirzag|RNA22
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|mirzag|PITA_May_2021|RNA22
May_2021|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May_2021|RNA22
May_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021
AncesTar|miranda_May_2021|MiRNATIP|mirzag|PITA_May_2021|RNA22
TIP|mirzag|RNA22
hiranda_May_2021|mirbase|MiRNATIP|mirzag|RNA22
ay_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
cesTar|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
hiranda_May_2021|MiRNATIP|mirzag|RNA22
nda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
hiranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|mirbase|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
cesTar|miranda_May_2021|RNA22
ag|RNA22
nda_May_2021|MiRNATIP|mirzag|RNA22
May_2021|miRDB_v6|MiRNATIP|mirzag
|RNA22

_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
ay_2021|MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|RNA22
iiranda_May_2021|MiRNATIP|mirzag|RNA22
y_2021|MiRNATIP|mirzag|RNA22
2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag
y_2021|MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|RNA22
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|PITA_May_2021|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
nda_May_2021|MiRNATIP|mirzag|RNA22
iRNATIP|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|mirbase|MiRNATIP|mirzag|RNA22
May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
y_2021|MiRNATIP|mirzag|RNA22
ay_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
randa_May_2021|miRDB_v6|mirzag|PITA_May_2021
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
|miRDB_v6|MiRNATIP|mirzag|RNA22
rgeting_May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
randa_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
NATIP|mirzag|RNA22
May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
randa_May_2021|mirbase|miRDB_v6|mirzag|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag
NATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22
2021|MirAncesTar|miranda_May_2021|mirzag|RNA22
_2021|MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
ay_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
|PITA_May_2021|RNA22
randa_May_2021|miRDB_v6|MiRNATIP|mirzag
Tar|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|PITA_May_2021|RNA22
randa_May_2021|miRDB_v6|mirzag
May_2021|mirbase|miRDB_v6|mirzag
ay_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
irzag|PITA_May_2021|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
randa_May_2021|miRDB_v6|mirzag|RNA22
MirAncesTar|miranda_May_2021|miRDB_v6|mirzag|PITA_May_2021|RNA22
May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22

MirAncesTar|miranda_May_2021|mirbase|miRDB_v6|MiRNATIP|mirzag|RNA22
2021|MirAncesTar|miranda_May_2021|MiRNATIP|PITA_May_2021
MirAncesTar|miranda_May_2021|mirzag|PITA_May_2021|RNA22
May_2021|MirAncesTar|miranda_May_2021|MiRNATIP|mirzag|RNA22
ay_2021|mirbase|miRDB_v6|MiRNATIP|RNA22
May_2021|MirAncesTar|miranda_May_2021|mirzag|RNA22
|miranda_May_2021|miRDB_v6|MiRNATIP|mirzag|RNA22

021|RNA22

A22

A22

A22

2

_2

_May_2021|TargetScan_v7_2

ın_v7_2

2

2

RNA22|TargetScan_v7_2

|TargetScan_v7_2

7_2

|TargetScan_v7_2

ı_v7_2

|TargetScan_v7_2

√7_2

Scan_v7_2

an_v7_2

getScan_v7_2

A22

RNA22
021|RNA22

RNA22

JA22
RNA22

JA22
RNA22

hybrid_May_2021

JA22

May_2021

_May_2021

/_2021

iRNATIP|mirzag|RNA22|TargetScan_v7_2
can_v7_2
|TargetScan_v7_2
mirzag|RNA22|TargetScan_v7_2
_May_2021|TargetScan_v7_2
.|TargetScan_v7_2
g|TargetScan_v7_2
|mirzag|PITA_May_2021|TargetScan_v7_2
|TargetScan_v7_2
mirzag|TargetScan_v7_2
Scan_v7_2
2

iRNATIP|mirzag|TargetScan_v7_2
2
can_v7_2
IA22|TargetScan_v7_2

irzag|TargetScan_v7_2
|_v7_2
mirzag|RNA22|TargetScan_v7_2
mirzag|TargetScan_v7_2

can_v7_2
argetScan_v7_2

mirzag|TargetScan_v7_2

Scan_v7_2
Scan_v7_2
mirzag|PITA_May_2021|RNA22|TargetScan_v7_2
rgetScan_v7_2
argetScan_v7_2
|mirzag|TargetScan_v7_2
mirzag|TargetScan_v7_2

TargetScan_v7_2
argetScan_v7_2

Scan_v7_2
_v7_2
|mirzag|TargetScan_v7_2
can_v7_2
can_v7_2
7_2
iRNATIP|mirzag|TargetScan_v7_2

2
mirzag|TargetScan_v7_2
mirzag|TargetScan_v7_2
2
NA22|TargetScan_v7_2
22|TargetScan_v7_2
mirzag|TargetScan_v7_2
7_2

iRNATIP|mirzag|PITA_May_2021|RNA22|TargetScan_v7_2

2
ITA_May_2021|TargetScan_v7_2

|TargetScan_v7_2
2

_2
|TargetScan_v7_2
|TargetScan_v7_2
Scan_v7_2
argetScan_v7_2
7_2

2
an_v7_2

argetScan_v7_2

RNA22|TargetScan_v7_2
2

2

7_2

TargetScan_v7_2
n_v7_2
|TargetScan_v7_2

_v7_2
:an_v7_2

2
|mirzag|TargetScan_v7_2
_2
RNA22|rnahybrid_May_2021|TargetScan_v7_2
:an_v7_2

:an_v7_2
2
2
IA22|TargetScan_v7_2
_2

tScan_v7_2
|RNA22|TargetScan_v7_2
argetScan_v7_2

2

_2

P|mirzag|PITA_May_2021|TargetScan_v7_2
mirzag|TargetScan_v7_2

2

|TargetScan_v7_2
_May_2021|TargetScan_v7_2

Scan_v7_2

2
tScan_v7_2
|RNA22|TargetScan_v7_2
A22|TargetScan_v7_2

_2

_2

RNA22|TargetScan_v7_2
mirzag
rgetScan_v7_2

7_2

mirzag|RNA22

iy_2021|RNA22

NA22

iy_2021|RNA22

/_2021|RNA22

_2021|RNA22

A22

Gene Ontol	Gene Ontol	Input Overl	p-Value	q-Value
homophilic	GO:000715	PCDH8; PCI	4.91E-09	1.67E-06
cell-cell adl	GO:009874	PCDH8; PCI	3.37E-08	1.56E-05
multicellula	GO:000727	ANKH; DMF	8.18E-07	4.78E-05
anatomical	GO:004885	ANKH; DMF	8.69E-07	4.78E-05
nervous sys	GO:000739	DMRT3; NR	4.88E-06	1.13E-03
system dev	GO:004873	ANKH; DMF	5.37E-06	1.42E-03
regulation (	GO:005079	DMRT3; EL/	1.03E-04	1.37E-02
regulation (	GO:001620	HDAC9; ME	2.23E-04	2.69E-02
regulation (	GO:190186	HDAC9; ME	2.37E-04	2.94E-02
regulation (	GO:004863	HDAC9; ME	2.37E-04	2.69E-02
regulation (	GO:200002	DMRT3; HD	2.55E-04	2.94E-02
cell-cell adl	GO:009860	PCDH8; PCI	3.55E-04	3.14E-02
regulation (	GO:006004	PTEN; VGLL	6.71E-04	4.76E-02
positive reg	GO:000989	ELAVL1; TYI	7.87E-04	4.76E-02
regulation (	GO:005125	RYBP; DMR	9.42E-04	4.76E-02
regulation (	GO:005078	WLS; CDK1	9.64E-04	3.53E-02

Gene Ontol	Gene Ontol	Input Overl	q-Value	q-Value
nervous sys	GO:000739	FOXP2; CIC	6.49E-07	3.08E-04
generation	GO:004869	UFL1; COPS	8.41E-06	3.20E-03
neurogenes	GO:002200	UFL1; COPS	3.55E-05	7.53E-03
neuron diff	GO:003018	COPS2; SDC	4.75E-05	7.53E-03
multicellula	GO:000727	FOXP2; HO>	5.08E-05	5.43E-03
system dev	GO:004873	FOXP2; CIC	6.39E-05	1.85E-02
cellular res	GO:003631	RORC; LRP6	8.19E-05	1.56E-02
cell differer	GO:003015	UFL1; DMD	1.47E-04	2.13E-02
central ner	GO:000741	CIC; FOXP2	1.52E-04	1.80E-02
cellular dev	GO:004886	UFL1; DMD	1.74E-04	9.32E-03
cellular res	GO:007139	UFL1; CNO1	1.85E-04	2.35E-02
chordate er	GO:004300	ACVR2A; LF	2.75E-04	2.61E-02
response tc	GO:003631	RORC; LRP6	3.43E-04	3.02E-02
muscle stru	GO:006106	FHOD3; DN	3.82E-04	3.69E-02
embryo dev	GO:000979	ACVR2A; LF	3.82E-04	3.02E-02
acid-ammo	GO:001688	GLUL; DPH6	4.71E-04	3.39E-02
cellular res	GO:007140	UFL1; LARP	5.65E-04	3.56E-02
animal orga	GO:004851	FOXP2; CIC	5.69E-04	4.12E-02
anatomical	GO:004885	FOXP2; HO>	6.03E-04	2.15E-02
regulation (	GO:005125	FOXP2; HO>	6.55E-04	0.035623
regulation (	GO:001921	FOXP2; HO>	6.56E-04	3.56E-02
muscle orga	GO:000751	DMD; FOXK	8.84E-04	5.70E-02
skeletal mu	GO:009852	SIX4; CYP26	9.35E-04	4.44E-02
response tc	GO:003399	FOXP2; CNC	9.61E-04	5.70E-02

Target	Ensmbl	miRNA
FOXP2	ENSG00000128573	miR-193b-3p
CIC	ENSG00000079432	miR-193b-3p
UFL1	ENSG00000014123	miR-193b-3p
COPS2	ENSG00000166200	miR-193b-3p
LMO4	ENSG00000143013	miR-193b-3p
ENAH	ENSG00000154380	miR-193b-3p
JARID2	ENSG00000008083	miR-193b-3p
ZFHX3	ENSG00000140836	miR-193b-3p
CHN1	ENSG00000128656	miR-193b-3p
IQSEC1	ENSG00000144711	miR-193b-3p
ABL2	ENSG00000143322	miR-193b-3p
RERE	ENSG00000142599	miR-193b-3p
ACER3	ENSG00000078124	miR-193b-3p
FZD4	ENSG00000174804	miR-193b-3p
ITSN1	ENSG00000205726	miR-193b-3p
RBPJ	ENSG00000168214	miR-193b-3p
SULF2	ENSG00000196562	miR-193b-3p
RORA	ENSG00000069667	miR-193b-3p
KLF7	ENSG00000118263	miR-193b-3p
CFLAR	ENSG00000003402	miR-193b-3p
HOOK3	ENSG00000168172	miR-193b-3p
FGF11	ENSG00000161958	miR-193b-3p
DLX1	ENSG00000144355	miR-193b-3p
PLXDC1	ENSG00000161381	miR-193b-3p
CLN8	ENSG00000182372	miR-193b-3p
EPHB2	ENSG00000133216	miR-193b-3p
DPYSL5	ENSG00000157851	miR-193b-3p
TPP1	ENSG00000166340	miR-193b-3p
ZFP36L1	ENSG00000185650	miR-193b-3p
TANC2	ENSG00000170921	miR-193b-3p
DAG1	ENSG00000173402	miR-193b-3p
GPC6	ENSG00000183098	miR-193b-3p
TNFRSF1B	ENSG00000028137	miR-193b-3p
TAOK1	ENSG00000160551	miR-193b-3p
ADCY1	ENSG00000164742	miR-193b-3p
ETV1	ENSG00000006468	miR-193b-3p
PMP22	ENSG00000109099	miR-193b-3p
LRP6	ENSG00000070018	miR-193b-3p
CASP3	ENSG00000164305	miR-193b-3p
SDC4	ENSG00000124145	miR-193b-3p
SLC4A7	ENSG00000033867	miR-193b-3p
SH3KBP1	ENSG00000147010	miR-193b-3p
MARCKSL1	ENSG00000175130	miR-193b-3p
SIX4	ENSG00000100625	miR-193b-3p
PCDH17	ENSG00000118946	miR-193b-3p
SCN3B	ENSG00000166257	miR-193b-3p
SYN1	ENSG00000008056	miR-193b-3p
DMRT3	ENSG00000064218	miR-509-3p
NRN1	ENSG00000124785	miR-509-3p

HDAC9	ENSG00000048052	miR-509-3p
DCLK1	ENSG00000133083	miR-509-3p
ADAM10	ENSG00000137845	miR-509-3p
PCDHA10	ENSG00000250120	miR-509-3p
CRK	ENSG00000167193	miR-509-3p
PLP1	ENSG00000123560	miR-509-3p
OTX2	ENSG00000165588	miR-509-3p
APOD	ENSG00000189058	miR-509-3p
NAV2	ENSG00000166833	miR-509-3p
NPAS2	ENSG00000170485	miR-509-3p
MEIS1	ENSG00000143995	miR-509-3p
NTRK3	ENSG00000140538	miR-509-3p
NAV1	ENSG00000134369	miR-509-3p
PCDHAC1	ENSG00000248383	miR-509-3p
LRRTM1	ENSG00000162951	miR-509-3p
ZIC3	ENSG00000156925	miR-509-3p
TAOK3	ENSG00000135090	miR-509-3p
BEND6	ENSG00000151917	miR-509-3p
TRIO	ENSG00000038382	miR-509-3p
WNK1	ENSG00000060237	miR-509-3p
RAC1	ENSG00000136238	miR-509-3p
CTSC	ENSG00000109861	miR-509-3p
MMD2	ENSG00000136297	miR-509-3p
ZNF536	ENSG00000198597	miR-509-3p
EIF4E	ENSG00000151247	miR-509-3p
PCDHA11	ENSG00000249158	miR-509-3p
IGF2BP2	ENSG00000073792	miR-509-3p
PBX3	ENSG00000167081	miR-509-3p
YAP1	ENSG00000137693	miR-509-3p
PCDHA2	ENSG00000204969	miR-509-3p
PCDHA3	ENSG00000255408	miR-509-3p
PCDHA1	ENSG00000204970	miR-509-3p
PCDHA6	ENSG00000081842	miR-509-3p
PCDHA4	ENSG00000204967	miR-509-3p
SEMA5A	ENSG00000112902	miR-509-3p
HCN1	ENSG00000164588	miR-509-3p
ARID1A	ENSG00000117713	miR-509-3p
PTEN	ENSG00000171862	miR-509-3p
ZNF423	ENSG00000102935	miR-509-3p
PRKACB	ENSG00000142875	miR-509-3p
PCDH19	ENSG00000165194	miR-509-3p
ATXN1	ENSG00000124788	miR-509-3p