

## Supplemental Table S2: screening of 988 mimics for possible effects on the invasive capacity of A375 melanoma cells

### Supplemental Table S2A: individual testing of 988 mimics for effects on A375 melanoma cell invasion

Mean fluorescence intensities (MFI), standard deviation (SD), and z-scores are depicted for each mimic. Mimics of the miRNA library are ordered by decreasing z-score. Mimics with high z-scores show accelerating effect on invasion, whereas low z-scores indicate inhibitory miRNAs. Negative control miRNAs *cel-miR-243*, *ath-miR416* (irrelevant), as well as *miR-101* and *miR-182* (positive controls) are listed at first, typed in italics. Data are presented as mean fluorescence intensity (MFI) values of technical triplicates, including standard deviation (SD) and z-score. Mimics selected for further investigation (candidate miRNAs, *miR-339-3p* and *miR-576-5p*) are labeled by purple and green color, respectively. miRNAs with known function in cancer cell invasion or metastasis are highlighted in grey. Graphical representation see Fig. 1.

miRNA mimic	MFI	SD	Z-score	
<i>cel-miR-243</i>	0.96	0.08	-0.46	negative controls
<i>ath-miR-416</i>	1.01	0.08	-0.41	negative controls
<i>hsa-miR-182</i>	1.76	0.06	0.38	positive control for acceleration of invasion
<i>hsa-miR-101</i>	0.45	0.05	-0.99	positive control for inhibition of invasion
<b>hsa-miR-576-5p</b>	7.6	0.24	6.48	
<b>hsa-miR-554</b>	7.16	0.07	6.02	
<b>hsa-miR-483-5p</b>	6.95	1.15	5.8	
<b>hsa-miR-559</b>	6.68	0.12	5.52	
<b>hsa-miR-206</b>	6.57	0.17	5.4	
<b>hsa-miR-19b</b>	5.87	0.4	4.67	
<b>hsa-miR-2054</b>	5.57	0.3	4.36	
<b>hsa-miR-578</b>	5.52	0.1	4.31	
<b>hsa-miR-575</b>	5.39	0.17	4.17	
<b>hsa-miR-202</b>	5.26	0.05	4.04	
<b>hsa-miR-1200</b>	5.21	0.12	3.98	
<b>hsa-miR-200b</b>	5.17	0.04	3.94	
<b>hsa-miR-20b</b>	5.12	0.28	3.89	
<b>hsa-miR-507</b>	5.07	0.1	3.84	
<b>hsa-miR-595</b>	5.02	0.24	3.78	
<b>hsa-miR-2052</b>	4.91	0.59	3.67	
<b>hsa-miR-611</b>	4.85	0.35	3.61	
<b>hsa-miR-205*</b>	4.8	0.5	3.55	
<b>hsa-miR-518a-3p</b>	4.67	0.06	3.42	
<b>hsa-miR-202*</b>	4.6	0.44	3.35	
<b>hsa-miR-21</b>	4.54	0.4	3.28	
<b>hsa-miR-498</b>	4.47	0.09	3.21	
<b>hsa-miR-518b</b>	4.47	0.07	3.21	
<b>hsa-miR-632</b>	4.45	0.4	3.19	
<b>hsa-miR-661</b>	4.45	0.16	3.19	
<b>hsa-miR-640</b>	4.44	0.37	3.18	
<b>hsa-miR-2053</b>	4.38	0.25	3.12	
<b>hsa-miR-548i</b>	4.37	0.43	3.11	
<b>hsa-miR-200c*</b>	4.34	0.37	3.07	
<b>hsa-miR-200c</b>	4.33	0.34	3.06	
<b>hsa-miR-200a*</b>	4.14	0.57	2.87	
<b>hsa-miR-154*</b>	4.13	0.15	2.85	
<b>hsa-miR-222</b>	4.06	0.1	2.78	
<b>hsa-miR-647</b>	3.96	0.2	2.68	
<b>hsa-miR-874</b>	3.89	0.1	2.6	
<b>hsa-miR-766</b>	3.85	0.11	2.56	
<b>hsa-miR-548m</b>	3.61	0.3	2.31	
<b>hsa-miR-21*</b>	3.6	0.26	2.3	
<b>hsa-miR-210</b>	3.54	0.02	2.24	
<b>hsa-miR-203</b>	3.5	0.11	2.2	
<b>hsa-miR-501-5p</b>	3.49	0.08	2.19	
<b>hsa-miR-548i</b>	3.49	0.27	2.19	
<b>hsa-miR-19b-1*</b>	3.43	0.09	2.12	

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-218	3.36	0.28	2.05
hsa-miR-599	3.35	0.19	2.04
hsa-miR-490-3p	3.31	0.03	2
hsa-miR-635	3.3	0.1	1.99
hsa-miR-513a-3p	3.27	0.08	1.96
hsa-miR-491-3p	3.21	0.11	1.89
hsa-miR-181a	3.19	0.21	1.87
hsa-miR-548j	3.17	0.18	1.85
hsa-miR-886-5p	3.13	0.13	1.81
hsa-miR-518a-3p	3.12	0.09	1.8
hsa-miR-501-3p	3.08	0.08	1.76
hsa-miR-505*	3.02	0.08	1.69
hsa-miR-518a-5p	2.97	0.04	1.64
hsa-miR-562	2.96	0.09	1.63
hsa-miR-873	2.95	0.08	1.62
hsa-miR-219-5p	2.92	0.17	1.59
hsa-miR-654-5p	2.92	0.12	1.59
hsa-miR-212	2.91	0.18	1.58
hsa-miR-556-5p	2.89	0.12	1.56
hsa-miR-499-5p	2.88	0.03	1.55
hsa-miR-650	2.87	0.13	1.54
hsa-miR-20b*	2.84	0.08	1.51
hsa-miR-214*	2.81	0.11	1.48
hsa-miR-648	2.81	0.24	1.48
hsa-miR-675	2.79	0.09	1.45
hsa-miR-24	2.77	0.11	1.43
hsa-miR-656	2.77	0.18	1.43
hsa-miR-767-5p	2.7	0.09	1.36
hsa-miR-519a*	2.69	0.02	1.35
hsa-miR-585	2.69	0.06	1.35
hsa-miR-517a	2.67	0.01	1.33
hsa-miR-637	2.67	0.13	1.33
hsa-miR-564	2.65	0.08	1.31
hsa-miR-885-3p	2.65	0.06	1.31
hsa-miR-493*	2.63	0.05	1.29
hsa-miR-223*	2.61	0.39	1.27
hsa-miR-561	2.61	0.04	1.27
hsa-miR-200b*	2.6	0.06	1.26
hsa-miR-604	2.59	0.04	1.25
hsa-miR-509-3p	2.56	0.05	1.21
hsa-miR-15b*	2.55	0.16	1.2
hsa-miR-591	2.55	0.08	1.2
hsa-miR-26a	2.54	0.15	1.19
hsa-miR-553	2.54	0.04	1.19
hsa-miR-622	2.54	0.04	1.19
hsa-miR-645	2.54	0.09	1.19
hsa-miR-646	2.54	0.15	1.19
hsa-miR-877	2.54	0.07	1.19
hsa-miR-502-5p	2.51	0.1	1.16
hsa-miR-891a	2.51	0.08	1.16
hsa-miR-1282	2.49	0.46	1.14
hsa-miR-643	2.49	0.09	1.14
hsa-miR-19a	2.48	0.07	1.13
hsa-miR-219-1-3p	2.48	0.06	1.13
hsa-miR-517*	2.47	0.04	1.12
hsa-miR-518c*	2.43	0.03	1.08
hsa-miR-19b	2.42	0.02	1.07
hsa-miR-147b	2.41	0.17	1.06
hsa-miR-513c	2.41	0.08	1.06
hsa-miR-208a	2.4	0.04	1.05
hsa-miR-720	2.39	0.09	1.04
hsa-miR-16	2.37	0.14	1.02
hsa-miR-208b	2.37	0.14	1.02
hsa-miR-875-5p	2.35	0.07	0.99

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-663b	2.33	0.1	0.97
hsa-miR-16-2*	2.32	0.06	0.96
hsa-miR-517*	2.31	0.04	0.95
hsa-miR-633	2.28	0.16	0.92
hsa-miR-636	2.25	0.06	0.89
hsa-miR-890	2.23	0.07	0.87
hsa-miR-555	2.22	0.02	0.86
hsa-miR-496	2.21	0.09	0.85
hsa-miR-583	2.2	0.07	0.84
hsa-miR-617	2.2	0.11	0.84
hsa-miR-651	2.2	0.07	0.84
hsa-miR-569	2.19	0.08	0.83
hsa-miR-523*	2.18	0.2	0.82
hsa-miR-589*	2.18	0.05	0.82
hsa-miR-606	2.17	0.07	0.81
hsa-miR-518e	2.15	0.03	0.79
hsa-miR-612	2.15	0.11	0.79
hsa-miR-18a*	2.14	0.08	0.78
hsa-miR-222*	2.14	0.98	0.78
hsa-miR-497	2.13	0.03	0.76
hsa-miR-639	2.13	0.11	0.76
hsa-miR-760	2.11	0.07	0.74
hsa-miR-216a	2.1	0.16	0.73
hsa-miR-24-2*	2.1	0.29	0.73
hsa-miR-548l	2.1	0.21	0.73
hsa-miR-655	2.07	0.08	0.7
hsa-miR-642	2.05	0.06	0.68
hsa-miR-1537	2.04	0.17	0.67
hsa-miR-489	2.04	0.05	0.67
hsa-let-7a*	2.03	0.07	0.66
hsa-miR-497*	2.02	0.07	0.65
hsa-miR-548d-5p	2.02	0.08	0.65
hsa-miR-607	2.02	0.06	0.65
hsa-miR-886-3p	2.02	0.12	0.65
hsa-miR-1202	2.01	0.09	0.64
hsa-miR-191	2.01	0.17	0.64
hsa-miR-22*	2.01	0.07	0.64
hsa-miR-490-5p	2.01	0.04	0.64
hsa-miR-218-1*	2	0.15	0.63
hsa-miR-410	2	0.39	0.63
hsa-miR-138-2*	1.99	0.16	0.62
hsa-miR-769-5p	1.99	0.09	0.62
hsa-miR-518c	1.98	0.03	0.61
hsa-miR-1197	1.97	0.05	0.6
hsa-miR-185	1.97	0.16	0.6
hsa-miR-512-3p	1.97	0.08	0.6
hsa-miR-516b*	1.97	0.06	0.6
hsa-miR-644	1.97	0.08	0.6
hsa-miR-551b*	1.96	0.11	0.59
hsa-miR-1224-5p	1.95	0.04	0.58
hsa-miR-516a-3p	1.95	0.03	0.58
hsa-miR-517*	1.95	0.05	0.58
hsa-miR-548n	1.95	0.12	0.58
hsa-miR-634	1.95	0.07	0.58
hsa-miR-215	1.94	0.06	0.57
hsa-miR-218-2*	1.94	0.11	0.57
hsa-miR-500*	1.94	0.06	0.57
hsa-miR-509-3p	1.94	0.03	0.57
hsa-miR-514	1.94	0.06	0.57
hsa-miR-548k	1.94	0.16	0.57
hsa-miR-1263	1.93	0.21	0.56
hsa-miR-224	1.93	0.17	0.56
hsa-miR-502-3p	1.93	0.02	0.56
hsa-miR-516b*	1.92	0.01	0.55

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-563	1.92	0.06	0.55
hsa-miR-589	1.92	0.09	0.55
hsa-miR-181b	1.9	0.07	0.52
hsa-miR-513a-5p	1.9	0.07	0.52
hsa-miR-216b	1.89	0.22	0.51
hsa-miR-93	1.89	0.24	0.51
hsa-miR-146a*	1.88	0.15	0.5
hsa-miR-23b	1.88	0.12	0.5
hsa-miR-520a-5p	1.88	0.12	0.5
hsa-miR-556-3p	1.88	0.05	0.5
hsa-miR-631	1.88	0.31	0.5
hsa-miR-7-1*	1.88	0.06	0.5
hsa-miR-508-3p	1.86	0.06	0.48
hsa-miR-770-5p	1.86	0.05	0.48
hsa-miR-1826	1.85	0.11	0.47
hsa-miR-509-5p	1.85	0.01	0.47
hsa-miR-181a-2*	1.84	0.09	0.46
hsa-miR-1539	1.83	0.12	0.45
hsa-miR-550*	1.83	0.11	0.45
hsa-miR-627	1.83	0.06	0.45
hsa-miR-629	1.82	0.04	0.44
hsa-miR-1267	1.81	0.21	0.43
hsa-miR-509-3p	1.81	0.05	0.43
hsa-miR-615-3p	1.81	0.02	0.43
hsa-miR-214	1.8	0.2	0.42
hsa-miR-577	1.8	0.04	0.42
hsa-miR-605	1.8	0.06	0.42
hsa-miR-922	1.8	0.25	0.42
hsa-miR-517b	1.79	0.06	0.41
hsa-miR-551a	1.79	0.14	0.41
hsa-miR-629*	1.79	0.1	0.41
hsa-miR-15b	1.78	0.07	0.4
hsa-miR-190b	1.78	0.07	0.4
hsa-miR-519a	1.78	0.02	0.4
hsa-miR-411	1.77	0.23	0.39
hsa-miR-518f	1.77	0.05	0.39
hsa-miR-671-3p	1.77	0.06	0.39
hsa-miR-875-3p	1.77	0.11	0.39
hsa-miR-495	1.76	0.04	0.38
hsa-miR-572	1.76	0.03	0.38
hsa-miR-1225-3p	1.75	0.03	0.37
hsa-miR-548f	1.75	0.09	0.37
hsa-miR-592	1.75	0.06	0.37
hsa-miR-744	1.75	0.06	0.37
hsa-miR-1470	1.74	0.09	0.36
hsa-miR-223	1.74	0.14	0.36
hsa-miR-499-3p	1.74	0.03	0.36
hsa-miR-513a-5p	1.74	0.02	0.36
hsa-miR-548h	1.74	0.14	0.36
hsa-miR-618	1.74	0.04	0.36
hsa-miR-649	1.74	0.18	0.36
hsa-miR-671-5p	1.74	0.06	0.36
hsa-miR-548e	1.73	0.12	0.35
hsa-miR-557	1.73	0.03	0.35
hsa-miR-586	1.73	0.03	0.35
hsa-miR-600	1.73	0.04	0.35
hsa-miR-876-3p	1.73	0.05	0.35
hsa-miR-24-1*	1.72	0.15	0.34
hsa-miR-616*	1.72	0.04	0.34
hsa-miR-1244	1.71	0.08	0.33
hsa-miR-1469	1.71	0.06	0.33
hsa-miR-516a-3p	1.71	0.03	0.33
hsa-miR-596	1.71	0.06	0.33
hsa-miR-664*	1.71	0.11	0.33

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-7-2*	1.71	0.04	0.33
hsa-miR-524-5p	1.7	0.1	0.32
hsa-miR-638	1.7	0.15	0.32
hsa-miR-1302	1.69	0.02	0.31
hsa-miR-181c	1.69	0.05	0.31
hsa-miR-590-3p	1.69	0.07	0.31
hsa-miR-590-5p	1.69	0.07	0.31
hsa-miR-626	1.69	0.04	0.31
hsa-miR-657	1.69	0.07	0.31
hsa-miR-767-3p	1.69	0.08	0.31
hsa-miR-181b	1.68	0.07	0.29
hsa-miR-2113	1.68	0.34	0.29
hsa-miR-10b	1.67	0.03	0.28
hsa-miR-150	1.67	0.13	0.28
hsa-miR-220a	1.67	0.09	0.28
hsa-miR-510	1.67	0.02	0.28
hsa-miR-615-5p	1.67	0.02	0.28
hsa-miR-296-3p	1.66	0.05	0.27
hsa-miR-519b-3p	1.66	0.08	0.27
hsa-miR-551b	1.66	0.12	0.27
hsa-miR-9	1.66	0.17	0.27
hsa-miR-1178	1.65	0.06	0.26
hsa-miR-16	1.65	0.07	0.26
hsa-miR-16-1*	1.65	0.1	0.26
hsa-miR-200a	1.64	0.39	0.25
hsa-miR-205	1.64	0.29	0.25
hsa-miR-508-5p	1.64	0.02	0.25
hsa-miR-573	1.64	0.04	0.25
hsa-miR-579	1.64	0.01	0.25
hsa-miR-758	1.64	0.06	0.25
hsa-miR-937	1.64	0.23	0.25
hsa-miR-1225-5p	1.63	0.08	0.24
hsa-miR-1284	1.63	0.13	0.24
hsa-miR-1827	1.63	0.06	0.24
hsa-miR-522*	1.63	0.03	0.24
hsa-miR-582-3p	1.63	0.05	0.24
hsa-miR-892a	1.63	0.28	0.24
hsa-miR-185*	1.62	0.1	0.23
hsa-miR-548i	1.62	0.08	0.23
hsa-miR-641	1.62	0.17	0.23
hsa-miR-889	1.62	0.07	0.23
hsa-miR-580	1.61	0.06	0.22
hsa-miR-614	1.61	0.04	0.22
hsa-let-7i*	1.6	0.02	0.21
hsa-miR-150*	1.6	0.07	0.21
hsa-miR-219-5p	1.6	0.15	0.21
hsa-miR-598	1.6	0.05	0.21
hsa-miR-620	1.6	0.05	0.21
hsa-miR-9*	1.59	0.13	0.2
hsa-miR-92a	1.59	0.13	0.2
hsa-miR-1273	1.58	0.27	0.19
hsa-miR-151-5p	1.58	0.05	0.19
hsa-miR-542-5p	1.58	0.12	0.19
hsa-miR-584	1.58	0.02	0.19
hsa-miR-19b-2*	1.57	0.09	0.18
hsa-miR-621	1.57	0.05	0.18
hsa-miR-1206	1.56	0.04	0.17
hsa-miR-34a	1.56	0.2	0.17
hsa-miR-138	1.55	0.09	0.16
hsa-miR-181a	1.55	0.09	0.16
hsa-miR-488*	1.55	0.08	0.16
hsa-miR-550*	1.55	0.08	0.16
hsa-miR-103	1.54	0.02	0.15
hsa-miR-23a*	1.54	0.34	0.15

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-505	1.54	0.05	0.15
hsa-miR-582-5p	1.54	0.06	0.15
hsa-miR-613	1.54	0.05	0.15
hsa-miR-662	1.54	0.05	0.15
hsa-miR-188-3p	1.53	0.05	0.14
hsa-miR-320c	1.53	0.1	0.14
hsa-miR-512-3p	1.53	0.05	0.14
hsa-miR-601	1.52	0.04	0.13
hsa-miR-630	1.52	0.2	0.13
hsa-miR-665	1.52	0.04	0.13
hsa-miR-22	1.51	0.45	0.12
hsa-miR-520b	1.51	0.11	0.12
hsa-miR-9	1.51	0.19	0.12
hsa-miR-182*	1.5	0.05	0.11
hsa-miR-346	1.5	0.12	0.11
hsa-miR-361-5p	1.5	0.07	0.11
hsa-miR-506	1.5	0.01	0.11
hsa-miR-765	1.5	0.05	0.11
hsa-miR-107	1.49	0.02	0.1
hsa-miR-503	1.49	0.03	0.1
hsa-miR-568	1.49	0.09	0.1
hsa-miR-616	1.49	0.04	0.1
hsa-miR-516a-5p	1.47	0.04	0.08
hsa-miR-9*	1.47	0.08	0.08
hsa-miR-9*	1.47	0.21	0.08
hsa-miR-514	1.46	0.04	0.06
hsa-miR-514	1.46	0.03	0.06
hsa-miR-548c-3p	1.46	0.1	0.06
hsa-miR-548p	1.46	0.1	0.06
hsa-miR-623	1.46	0.05	0.06
hsa-miR-487b	1.45	0.01	0.05
hsa-miR-512-5p	1.45	0.04	0.05
hsa-miR-608	1.45	0.04	0.05
hsa-miR-663	1.45	0.08	0.05
hsa-miR-1914*	1.44	0.1	0.04
hsa-miR-451	1.44	0.09	0.04
hsa-miR-516a-5p	1.44	0.02	0.04
hsa-miR-548a-3p	1.44	0.04	0.04
hsa-miR-1302	1.43	0.05	0.03
hsa-miR-153	1.43	0.03	0.03
hsa-miR-155	1.43	0.03	0.03
hsa-miR-520h	1.43	0.09	0.03
hsa-miR-99a	1.43	0.09	0.03
hsa-let-7b	1.42	0.03	0.02
hsa-miR-1201	1.42	0.03	0.02
hsa-miR-181a	1.42	0.12	0.02
hsa-miR-548f	1.42	0.07	0.02
hsa-miR-515-5p	1.41	0.04	0.01
hsa-miR-1229	1.4	0.03	0
hsa-miR-1245	1.4	0.17	0
hsa-miR-367*	1.4	0.31	0
hsa-miR-520a-3p	1.4	0.08	0
hsa-miR-576-3p	1.4	0.04	0
hsa-miR-603	1.4	0.1	0
hsa-miR-541	1.39	0.05	-0.01
hsa-miR-597	1.39	0.04	-0.01
hsa-miR-92a	1.39	0.06	-0.01
hsa-miR-19a*	1.38	0.3	-0.02
hsa-miR-29b	1.38	0.11	-0.02
hsa-miR-7	1.38	0.05	-0.02
hsa-miR-1302	1.37	0.05	-0.03
hsa-miR-130a	1.37	0.05	-0.03
hsa-miR-548a-5p	1.37	0.11	-0.03
hsa-miR-625	1.37	0.05	-0.03

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-96	1.37	0.09	-0.03
hsa-miR-100	1.36	0.05	-0.04
hsa-miR-519c-5p	1.36	0.06	-0.04
hsa-let-7c	1.35	0.04	-0.05
hsa-miR-1915*	1.35	0.09	-0.05
hsa-miR-1205	1.34	0.1	-0.06
hsa-miR-135a	1.34	0.01	-0.06
hsa-miR-190	1.34	0.05	-0.06
hsa-miR-297	1.34	0.01	-0.06
hsa-miR-323-3p	1.34	0.12	-0.06
hsa-miR-891b	1.34	0.09	-0.06
hsa-miR-941	1.34	0.11	-0.06
hsa-let-7f	1.33	0.06	-0.07
hsa-miR-1185	1.33	0.08	-0.07
hsa-miR-124*	1.33	0.07	-0.07
hsa-miR-1285	1.33	0.15	-0.07
hsa-miR-1302	1.33	0.03	-0.07
hsa-miR-345	1.33	0.06	-0.07
hsa-miR-520f	1.33	0.04	-0.07
hsa-miR-548a-3p	1.33	0.07	-0.07
hsa-miR-570	1.33	0.04	-0.07
hsa-miR-593*	1.33	0.03	-0.07
hsa-miR-933	1.33	0.13	-0.07
hsa-miR-1203	1.32	0.01	-0.08
hsa-miR-1231	1.32	0.03	-0.08
hsa-miR-143	1.32	0.08	-0.08
hsa-miR-32	1.32	0.1	-0.08
hsa-miR-485-5p	1.32	0.02	-0.08
hsa-miR-652	1.32	0.02	-0.08
hsa-let-7i	1.31	0.05	-0.09
hsa-miR-1294	1.31	0.06	-0.09
hsa-miR-135a*	1.31	0.03	-0.09
hsa-miR-1471	1.31	0.03	-0.09
hsa-miR-27a*	1.31	0.25	-0.09
hsa-miR-520c-5p	1.31	0.07	-0.09
hsa-miR-942	1.31	0.13	-0.09
hsa-miR-100*	1.3	0.03	-0.1
hsa-miR-1184	1.3	0.02	-0.1
hsa-miR-181d	1.3	0.05	-0.1
hsa-miR-452*	1.3	0.16	-0.1
hsa-miR-593	1.3	0.03	-0.1
hsa-miR-892b	1.3	0.08	-0.1
hsa-miR-941	1.3	0.03	-0.1
hsa-miR-1226*	1.29	0.03	-0.11
hsa-miR-1237	1.29	0.05	-0.11
hsa-miR-320b	1.29	0.15	-0.11
hsa-miR-548g	1.29	0.11	-0.11
hsa-miR-888*	1.29	0.04	-0.11
hsa-let-7e*	1.28	0.06	-0.12
hsa-miR-196a	1.28	0.05	-0.12
hsa-miR-450b-5p	1.28	0.02	-0.12
hsa-miR-518f*	1.28	0.02	-0.12
hsa-miR-708	1.28	0.05	-0.12
hsa-miR-939	1.28	0.1	-0.12
hsa-miR-1302	1.27	0.03	-0.13
hsa-miR-1910	1.27	0.08	-0.13
hsa-miR-517c	1.27	0	-0.13
hsa-miR-1468	1.26	0.09	-0.14
hsa-miR-146a	1.26	0.11	-0.14
hsa-miR-1909	1.26	0.07	-0.14
hsa-miR-20a*	1.26	0.02	-0.14
hsa-miR-224*	1.26	0.27	-0.14
hsa-miR-548f	1.26	0.02	-0.14
hsa-miR-571	1.26	0.02	-0.14

miRNA mimic	MFI	SD	Z-score
hsa-miR-588	1.26	0.02	-0.14
hsa-miR-941	1.26	0.08	-0.14
hsa-miR-99a*	1.26	0.13	-0.14
hsa-let-7d	1.25	0.03	-0.15
hsa-miR-1274b	1.25	0.19	-0.15
hsa-miR-154	1.25	0.06	-0.15
hsa-miR-1914	1.25	0.06	-0.15
hsa-miR-1974	1.25	0.05	-0.15
hsa-miR-33a	1.25	0.06	-0.15
hsa-miR-526b	1.25	0.07	-0.15
hsa-miR-7	1.25	0.04	-0.15
hsa-miR-941	1.25	0.09	-0.15
hsa-miR-1207-3p	1.24	0.02	-0.17
hsa-miR-32*	1.24	0.15	-0.17
hsa-miR-450a	1.24	0.03	-0.17
hsa-miR-484	1.24	0.13	-0.17
hsa-miR-526a	1.24	0.06	-0.17
hsa-miR-541*	1.24	0.05	-0.17
hsa-miR-664	1.24	0.05	-0.17
hsa-miR-924	1.24	0.1	-0.17
hsa-miR-1224-3p	1.23	0.03	-0.18
hsa-miR-1227	1.23	0.02	-0.18
hsa-miR-1302	1.23	0.02	-0.18
hsa-miR-30c	1.23	0.06	-0.18
hsa-miR-33a*	1.23	0.1	-0.18
hsa-miR-365	1.23	0.07	-0.18
hsa-miR-548f	1.23	0.08	-0.18
hsa-miR-619	1.23	0.03	-0.18
hsa-miR-98	1.23	0.07	-0.18
hsa-miR-1253	1.22	0.01	-0.19
hsa-miR-1915	1.22	0.09	-0.19
hsa-miR-411*	1.22	0.07	-0.19
hsa-miR-525-5p	1.22	0.06	-0.19
hsa-miR-587	1.22	0.02	-0.19
hsa-let-7d*	1.21	0.03	-0.2
hsa-miR-139-3p	1.21	0.08	-0.2
hsa-miR-204	1.21	0.24	-0.2
hsa-miR-486-3p	1.21	0.06	-0.2
hsa-miR-524-3p	1.21	0.03	-0.2
hsa-miR-7	1.21	0.07	-0.2
hsa-miR-1179	1.2	0.03	-0.21
hsa-miR-1280	1.2	0.29	-0.21
hsa-miR-25*	1.2	0.21	-0.21
hsa-miR-26a	1.2	0.41	-0.21
hsa-miR-302a*	1.2	0.14	-0.21
hsa-miR-921	1.2	0.07	-0.21
hsa-miR-93*	1.2	0.09	-0.21
hsa-let-7a-2*	1.19	0.02	-0.22
hsa-miR-106b*	1.19	0.05	-0.22
hsa-miR-17	1.19	0.02	-0.22
hsa-miR-1913	1.19	0.02	-0.22
hsa-miR-548d-3p	1.19	0.06	-0.22
hsa-miR-658	1.19	0.03	-0.22
hsa-miR-1302	1.18	0.06	-0.23
hsa-miR-130b	1.18	0.1	-0.23
hsa-miR-26a-2*	1.18	0.02	-0.23
hsa-miR-335*	1.18	0.09	-0.23
hsa-miR-412	1.18	0.08	-0.23
hsa-miR-485-3p	1.18	0.09	-0.23
hsa-miR-518a-5p	1.18	0.04	-0.23
hsa-miR-105*	1.17	0.02	-0.24
hsa-miR-1183	1.17	0.02	-0.24
hsa-miR-1251	1.17	0.02	-0.24
hsa-miR-191*	1.17	0.07	-0.24



<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-558	1.17	0.01	-0.24
hsa-miR-96*	1.17	0.06	-0.24
hsa-miR-103	1.16	0.05	-0.25
hsa-miR-1259	1.16	0.2	-0.25
hsa-miR-20a	1.16	0.22	-0.25
hsa-miR-320a	1.16	0.06	-0.25
hsa-miR-361-3p	1.16	0.12	-0.25
hsa-miR-455-3p	1.16	0.08	-0.25
hsa-miR-522	1.16	0.03	-0.25
hsa-miR-526a	1.16	0.05	-0.25
hsa-miR-938	1.16	0.06	-0.25
hsa-miR-1236	1.15	0.04	-0.26
hsa-miR-1293	1.15	0.05	-0.26
hsa-miR-1825	1.15	0.12	-0.26
hsa-miR-18b*	1.15	0.02	-0.26
hsa-miR-1911	1.15	0.04	-0.26
hsa-miR-548a-3p	1.15	0.05	-0.26
hsa-miR-1208	1.14	0.02	-0.27
hsa-miR-1275	1.14	0.14	-0.27
hsa-miR-372	1.14	0.05	-0.27
hsa-miR-567	1.14	0.02	-0.27
hsa-miR-628-5p	1.14	0	-0.27
hsa-miR-876-5p	1.14	0.1	-0.27
hsa-miR-1234	1.13	0.02	-0.28
hsa-miR-140-3p	1.13	0.03	-0.28
hsa-miR-335	1.13	0.07	-0.28
hsa-miR-99b	1.13	0.08	-0.28
hsa-miR-1228*	1.12	0.02	-0.29
hsa-miR-199b-5p	1.12	0.01	-0.29
hsa-miR-491-5p	1.12	0.02	-0.29
hsa-miR-512-5p	1.12	0.08	-0.29
hsa-miR-548c-5p	1.12	0.05	-0.29
hsa-miR-548o	1.12	0.07	-0.29
hsa-miR-574-3p	1.12	0.02	-0.29
hsa-miR-940	1.12	0.07	-0.29
hsa-miR-1323	1.11	0.05	-0.3
hsa-miR-1976	1.11	0	-0.3
hsa-miR-23b*	1.11	0.14	-0.3
hsa-miR-34a*	1.11	0.15	-0.3
hsa-miR-103-as	1.1	0.02	-0.31
hsa-miR-1207-5p	1.1	0.04	-0.31
hsa-miR-1238	1.1	0.02	-0.31
hsa-miR-1305	1.1	0.03	-0.31
hsa-miR-18a	1.1	0.04	-0.31
hsa-miR-192	1.1	0.05	-0.31
hsa-miR-302e	1.1	0.1	-0.31
hsa-miR-483-3p	1.1	0.05	-0.31
hsa-miR-511	1.1	0.01	-0.31
hsa-miR-548h	1.1	0.1	-0.31
hsa-miR-552	1.1	0.02	-0.31
hsa-miR-581	1.1	0.02	-0.31
hsa-miR-141*	1.09	0.01	-0.32
hsa-miR-149	1.09	0.05	-0.32
hsa-miR-329	1.09	0.09	-0.32
hsa-miR-504	1.09	0.06	-0.32
hsa-miR-1226	1.08	0.01	-0.33
hsa-miR-1286	1.08	0.04	-0.33
hsa-miR-487a	1.08	0.02	-0.33
hsa-miR-1233	1.07	0.05	-0.34
hsa-miR-1250	1.07	0.07	-0.34
hsa-miR-127-5p	1.07	0.02	-0.34
hsa-miR-138	1.07	0.03	-0.34
hsa-miR-27a	1.07	0.14	-0.34
hsa-miR-326	1.07	0.06	-0.34

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-526b*	1.07	0.06	-0.34
hsa-miR-1228	1.06	0.04	-0.35
hsa-miR-431*	1.06	0.07	-0.35
hsa-miR-532-5p	1.06	0.07	-0.35
hsa-miR-548h	1.06	0.05	-0.35
hsa-miR-877*	1.06	0.04	-0.35
hsa-miR-148a	1.05	0.02	-0.36
hsa-miR-220b	1.05	0.25	-0.36
hsa-miR-449b	1.05	0.11	-0.36
hsa-miR-548d-5p	1.05	0.05	-0.36
hsa-miR-887	1.05	0.04	-0.36
hsa-miR-935	1.05	0.04	-0.36
hsa-let-7a	1.04	0.05	-0.37
hsa-miR-10b*	1.04	0.02	-0.37
hsa-miR-1301	1.04	0.01	-0.37
hsa-miR-1322	1.04	0.01	-0.37
hsa-miR-142-5p	1.04	0.06	-0.37
hsa-miR-320d	1.04	0.05	-0.37
hsa-miR-362-3p	1.04	0.08	-0.37
hsa-miR-543	1.04	0.04	-0.37
hsa-miR-544	1.04	0.05	-0.37
hsa-miR-125b	1.03	0.1	-0.38
hsa-miR-1321	1.03	0.01	-0.38
hsa-miR-488	1.03	0.02	-0.38
hsa-miR-516b	1.03	0.02	-0.38
hsa-miR-193a-3p	1.02	0.07	-0.39
hsa-miR-548b-5p	1.02	0.09	-0.39
ath-miR-416	1.01	0.08	-0.41
hsa-miR-122*	1.01	0.02	-0.41
hsa-miR-132*	1.01	0.02	-0.41
hsa-miR-152	1.01	0.03	-0.41
hsa-miR-1538	1.01	0.03	-0.41
hsa-miR-2110	1.01	0.08	-0.41
hsa-miR-24	1.01	0.25	-0.41
hsa-miR-26b	1.01	0.08	-0.41
hsa-miR-323-5p	1.01	0.22	-0.41
hsa-miR-431	1.01	0.06	-0.41
hsa-miR-936	1.01	0.07	-0.41
hsa-miR-95	1.01	0.07	-0.41
hsa-miR-324-5p	1	0.08	-0.42
hsa-miR-373	1	0.05	-0.42
hsa-miR-373*	1	0.06	-0.42
hsa-miR-455-5p	1	0.1	-0.42
hsa-miR-509-3-5p	1	0.03	-0.42
hsa-miR-138-1*	0.99	0.08	-0.43
hsa-miR-433	0.99	0.02	-0.43
hsa-miR-454	0.99	0.06	-0.43
hsa-let-7f-1*	0.98	0	-0.44
hsa-miR-1324	0.98	0.09	-0.44
hsa-miR-133b	0.98	0.06	-0.44
hsa-miR-1975	0.98	0	-0.44
hsa-miR-339-5p	0.98	0.09	-0.44
hsa-miR-449a	0.98	0.07	-0.44
hsa-miR-519a	0.98	0.03	-0.44
hsa-miR-602	0.98	0.01	-0.44
hsa-miR-1180	0.97	0.01	-0.45
hsa-miR-380	0.97	0.01	-0.45
hsa-miR-520d-3p	0.97	0.04	-0.45
hsa-miR-548h	0.97	0.07	-0.45
hsa-miR-943	0.97	0.05	-0.45
hsa-miR-944	0.97	0.1	-0.45
cel-miR-243	0.96	0.08	-0.46
hsa-miR-148a*	0.96	0.06	-0.46
hsa-miR-199b-3p	0.96	0.01	-0.46

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-382	0.96	0.05	-0.46
hsa-miR-609	0.96	0.09	-0.46
hsa-miR-1204	0.95	0.01	-0.47
hsa-miR-1977	0.95	0.01	-0.47
hsa-miR-28-5p	0.95	0.2	-0.47
hsa-miR-423-5p	0.95	0.03	-0.47
hsa-miR-105	0.94	0.03	-0.48
hsa-miR-146b-3p	0.94	0.03	-0.48
hsa-miR-151-3p	0.94	0.05	-0.48
hsa-miR-183	0.94	0.05	-0.48
hsa-miR-30a*	0.94	0.09	-0.48
hsa-miR-331-5p	0.94	0.11	-0.48
hsa-miR-370	0.94	0.02	-0.48
hsa-miR-454*	0.94	0.05	-0.48
hsa-miR-520e	0.94	0.04	-0.48
hsa-let-7a	0.93	0.04	-0.49
hsa-let-7f	0.93	0.02	-0.49
hsa-miR-1272	0.93	0.04	-0.49
hsa-miR-143*	0.93	0.11	-0.49
hsa-miR-153	0.93	0.01	-0.49
hsa-miR-324-3p	0.93	0.06	-0.49
hsa-miR-365*	0.93	0.03	-0.49
hsa-miR-424*	0.93	0.02	-0.49
hsa-miR-425	0.93	0.05	-0.49
hsa-miR-452	0.93	0.02	-0.49
hsa-miR-548i	0.93	0.06	-0.49
hsa-miR-934	0.93	0.04	-0.49
hsa-miR-103-2*	0.92	0.02	-0.5
hsa-miR-1285	0.92	0.1	-0.5
hsa-miR-135b*	0.92	0.1	-0.5
hsa-miR-199a-5p	0.92	0.02	-0.5
hsa-miR-33b	0.92	0.07	-0.5
hsa-miR-509-5p	0.92	0.03	-0.5
hsa-miR-30c	0.91	0.04	-0.51
hsa-miR-30c-2*	0.91	0.09	-0.51
hsa-miR-15a	0.9	0.04	-0.52
hsa-miR-219-2-3p	0.9	0.15	-0.52
hsa-miR-29c	0.9	0.09	-0.52
hsa-miR-376b	0.9	0.08	-0.52
hsa-miR-453	0.9	0.09	-0.52
hsa-miR-513a-3p	0.9	0.03	-0.52
hsa-miR-628-3p	0.9	0	-0.52
hsa-miR-888	0.9	0.03	-0.52
hsa-miR-125b-2*	0.89	0.05	-0.53
hsa-miR-137	0.89	0.01	-0.53
hsa-miR-186	0.89	0.07	-0.53
hsa-miR-376a	0.89	0.04	-0.53
hsa-miR-424	0.89	0.03	-0.53
hsa-miR-519c-3p	0.89	0.03	-0.53
hsa-miR-92b	0.89	0.04	-0.53
hsa-miR-1304	0.88	0.04	-0.54
hsa-miR-429	0.88	0.03	-0.54
hsa-miR-519b-5p	0.88	0.06	-0.54
hsa-miR-550	0.88	0.03	-0.54
hsa-let-7c*	0.87	0.01	-0.55
hsa-miR-135a	0.87	0.05	-0.55
hsa-miR-148b	0.87	0.03	-0.55
hsa-miR-1978	0.87	0.03	-0.55
hsa-miR-199a-3p	0.87	0.02	-0.55
hsa-miR-421	0.87	0.07	-0.55
hsa-miR-449b*	0.87	0.03	-0.55
hsa-miR-500	0.87	0.01	-0.55
hsa-miR-519d	0.87	0.06	-0.55
hsa-miR-521	0.87	0.05	-0.55

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-525-3p	0.87	0.02	-0.55
hsa-miR-124*	0.86	0.04	-0.56
hsa-miR-184	0.86	0.03	-0.56
hsa-miR-329	0.86	0.05	-0.56
hsa-miR-34b*	0.86	0.07	-0.56
hsa-let-7a	0.85	0.03	-0.57
hsa-miR-106a*	0.85	0.04	-0.57
hsa-miR-1269	0.85	0.06	-0.57
hsa-miR-145	0.85	0.04	-0.57
hsa-miR-31	0.85	0.14	-0.57
hsa-miR-513b	0.85	0.03	-0.57
hsa-miR-1256	0.84	0.03	-0.58
hsa-miR-129-5p	0.84	0.12	-0.58
hsa-miR-301a	0.84	0.08	-0.58
hsa-miR-338-5p	0.84	0.04	-0.58
hsa-miR-448	0.84	0.06	-0.58
hsa-miR-450b-3p	0.84	0.08	-0.58
hsa-miR-520g	0.84	0.03	-0.58
hsa-miR-124	0.83	0.01	-0.59
hsa-miR-149*	0.83	0.06	-0.59
hsa-miR-338-3p	0.83	0.13	-0.59
hsa-miR-34b	0.83	0.05	-0.59
hsa-miR-376a	0.83	0.06	-0.59
hsa-miR-432	0.83	0.05	-0.59
hsa-miR-486-5p	0.83	0.07	-0.59
hsa-let-7g*	0.82	0.02	-0.6
hsa-miR-1	0.82	0.01	-0.6
hsa-miR-1185	0.82	0.03	-0.6
hsa-miR-1308	0.82	0.03	-0.6
hsa-miR-148b*	0.82	0.03	-0.6
hsa-miR-302a	0.82	0.01	-0.6
hsa-miR-302c*	0.82	0.12	-0.6
hsa-miR-330-3p	0.82	0.07	-0.6
hsa-miR-33b*	0.82	0.09	-0.6
hsa-miR-1281	0.81	0.15	-0.61
hsa-miR-135b	0.81	0.03	-0.61
hsa-miR-141	0.81	0.04	-0.61
hsa-miR-34c-5p	0.81	0.07	-0.61
hsa-miR-376a*	0.81	0.02	-0.61
hsa-miR-378	0.81	0.1	-0.61
hsa-miR-384	0.81	0.03	-0.61
hsa-miR-409-3p	0.81	0.06	-0.61
hsa-miR-423-3p	0.81	0.08	-0.61
hsa-miR-450a	0.81	0.06	-0.61
hsa-miR-532-3p	0.81	0.05	-0.61
hsa-miR-302b*	0.8	0.08	-0.62
hsa-miR-30d	0.8	0.12	-0.62
hsa-miR-371-3p	0.8	0.08	-0.62
hsa-miR-374a	0.8	0.05	-0.62
hsa-miR-610	0.8	0.02	-0.62
hsa-miR-769-3p	0.8	0.03	-0.62
hsa-miR-1261	0.79	0.04	-0.64
hsa-miR-29b-2*	0.79	0.01	-0.64
hsa-miR-340*	0.79	0.1	-0.64
hsa-miR-545	0.79	0.05	-0.64
hsa-miR-625*	0.79	0.01	-0.64
hsa-miR-10a*	0.78	0.03	-0.65
hsa-miR-1255a	0.78	0.13	-0.65
hsa-miR-296-5p	0.78	0.17	-0.65
hsa-miR-30e	0.78	0.05	-0.65
hsa-miR-320d	0.78	0.09	-0.65
hsa-miR-375	0.78	0.02	-0.65
hsa-miR-383	0.78	0.02	-0.65
hsa-miR-515-3p	0.78	0.01	-0.65

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-1243	0.77	0.01	-0.66
hsa-miR-155*	0.77	0.04	-0.66
hsa-miR-220c	0.77	0.18	-0.66
hsa-miR-30e*	0.77	0.07	-0.66
hsa-miR-518e*	0.77	0.03	-0.66
hsa-miR-548d-3p	0.77	0.04	-0.66
hsa-let-7b*	0.76	0.01	-0.67
hsa-miR-101*	0.76	0.02	-0.67
hsa-miR-105*	0.76	0.01	-0.67
hsa-miR-1279	0.76	0.02	-0.67
hsa-miR-1291	0.76	0.04	-0.67
hsa-miR-29a	0.76	0.08	-0.67
hsa-miR-29c*	0.76	0.08	-0.67
hsa-miR-362-5p	0.76	0.07	-0.67
hsa-miR-367	0.76	0.03	-0.67
hsa-miR-381	0.76	0.08	-0.67
hsa-miR-422a	0.76	0.06	-0.67
hsa-miR-425*	0.76	0.09	-0.67
hsa-miR-432*	0.76	0.06	-0.67
hsa-miR-653	0.76	0.03	-0.67
hsa-let-7g	0.75	0.03	-0.68
hsa-miR-10a	0.75	0.02	-0.68
hsa-miR-1247	0.75	0.03	-0.68
hsa-miR-1257	0.75	0.04	-0.68
hsa-miR-130b*	0.75	0.05	-0.68
hsa-miR-136	0.75	0.03	-0.68
hsa-miR-218	0.75	0.12	-0.68
hsa-miR-29b	0.75	0.07	-0.68
hsa-miR-30d*	0.75	0.03	-0.68
hsa-miR-369-5p	0.75	0.01	-0.68
hsa-miR-409-5p	0.75	0.05	-0.68
hsa-miR-9	0.75	0.05	-0.68
hsa-miR-1182	0.74	0.03	-0.69
hsa-miR-1252	0.74	0.07	-0.69
hsa-miR-1260	0.74	0.02	-0.69
hsa-miR-132	0.74	0.03	-0.69
hsa-miR-134	0.74	0.02	-0.69
hsa-miR-337-5p	0.74	0.06	-0.69
hsa-miR-493	0.74	0.01	-0.69
hsa-miR-548f	0.74	0.04	-0.69
hsa-miR-885-5p	0.74	0.02	-0.69
hsa-let-7a*	0.73	0.02	-0.7
hsa-miR-1271	0.73	0.03	-0.7
hsa-miR-133a	0.73	0.05	-0.7
hsa-miR-23a	0.73	0.2	-0.7
hsa-miR-330-5p	0.73	0.06	-0.7
hsa-miR-374a*	0.73	0.06	-0.7
hsa-miR-1306	0.72	0.02	-0.71
hsa-miR-186*	0.72	0.02	-0.71
hsa-miR-193a-5p	0.72	0.02	-0.71
hsa-miR-193b	0.72	0.05	-0.71
hsa-miR-217	0.72	0.22	-0.71
hsa-miR-25	0.72	0.17	-0.71
hsa-miR-511	0.72	0.03	-0.71
hsa-miR-920	0.72	0.06	-0.71
hsa-let-7e	0.71	0.01	-0.72
hsa-miR-106a	0.71	0.04	-0.72
hsa-miR-140-5p	0.71	0.08	-0.72
hsa-miR-144*	0.71	0.05	-0.72
hsa-miR-196b	0.71	0.03	-0.72
hsa-miR-300	0.71	0.12	-0.72
hsa-miR-30b*	0.71	0.1	-0.72
hsa-miR-337-3p	0.71	0.06	-0.72
hsa-miR-340	0.71	0.09	-0.72

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-369-3p	0.71	0.03	-0.72
hsa-miR-377	0.71	0.02	-0.72
hsa-miR-527	0.71	0.04	-0.72
hsa-miR-145*	0.7	0.04	-0.73
hsa-miR-195	0.7	0.04	-0.73
hsa-miR-342-5p	0.7	0.13	-0.73
hsa-miR-363*	0.7	0.04	-0.73
hsa-miR-376c	0.7	0.01	-0.73
hsa-miR-380*	0.7	0.06	-0.73
hsa-miR-515-5p	0.7	0.03	-0.73
hsa-miR-542-3p	0.7	0.05	-0.73
hsa-miR-566	0.7	0.05	-0.73
hsa-miR-624*	0.7	0.04	-0.73
hsa-miR-1246	0.69	0.03	-0.74
hsa-miR-125b	0.69	0.01	-0.74
hsa-miR-1972	0.69	0.03	-0.74
hsa-miR-302b	0.69	0.04	-0.74
hsa-miR-30a	0.69	0.06	-0.74
hsa-miR-328	0.69	0.04	-0.74
hsa-miR-371-5p	0.69	0.08	-0.74
hsa-miR-379	0.69	0.04	-0.74
hsa-miR-379*	0.69	0.04	-0.74
hsa-miR-539	0.69	0.03	-0.74
hsa-miR-548b-3p	0.69	0.03	-0.74
hsa-miR-130a*	0.68	0.02	-0.75
hsa-miR-34c-3p	0.68	0.08	-0.75
hsa-miR-519e*	0.68	0.03	-0.75
hsa-miR-520d-5p	0.68	0.04	-0.75
hsa-miR-675*	0.68	0.08	-0.75
ath-miR416	0.67	0.07	-0.76
hsa-miR-1297	0.67	0.04	-0.76
hsa-miR-28-3p	0.67	0.16	-0.76
hsa-miR-302c	0.67	0.05	-0.76
hsa-miR-30b	0.67	0.09	-0.76
hsa-miR-708*	0.67	0.01	-0.76
hsa-miR-1181	0.66	0.03	-0.77
hsa-miR-144	0.66	0.02	-0.77
hsa-miR-195*	0.66	0.05	-0.77
hsa-miR-221*	0.66	0.16	-0.77
hsa-miR-299-5p	0.66	0	-0.77
hsa-miR-302d*	0.66	0.01	-0.77
hsa-miR-365	0.66	0.09	-0.77
hsa-miR-518d-5p	0.66	0.02	-0.77
cel-miR-243	0.65	0.07	-0.78
hsa-miR-1249	0.65	0.06	-0.78
hsa-miR-298	0.65	0.08	-0.78
hsa-miR-299-3p	0.65	0	-0.78
hsa-miR-29a*	0.65	0.02	-0.78
hsa-miR-320b	0.65	0.04	-0.78
hsa-miR-105	0.64	0.02	-0.79
hsa-miR-103-as	0.63	0.01	-0.8
hsa-miR-1264	0.63	0.02	-0.8
hsa-miR-1268	0.63	0.02	-0.8
hsa-miR-1278	0.63	0.01	-0.8
hsa-miR-1289	0.63	0.01	-0.8
hsa-miR-1292	0.63	0.02	-0.8
hsa-miR-1307	0.63	0.03	-0.8
hsa-miR-1911*	0.63	0	-0.8
hsa-miR-196a*	0.63	0.01	-0.8
hsa-miR-221	0.63	0.13	-0.8
hsa-miR-302f	0.63	0.06	-0.8
hsa-miR-378*	0.63	0.08	-0.8
hsa-miR-744*	0.63	0.02	-0.8
hsa-let-7f-2*	0.62	0.02	-0.81

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-26a-1*	0.62	0.12	-0.81
hsa-miR-27b*	0.62	0.16	-0.81
hsa-miR-363	0.62	0.05	-0.81
hsa-miR-516b	0.62	0.01	-0.81
hsa-miR-1	0.61	0.01	-0.82
hsa-miR-146b-5p	0.61	0.02	-0.82
hsa-miR-1973	0.61	0.02	-0.82
hsa-miR-199a-3p	0.61	0.02	-0.82
hsa-miR-29b-1*	0.61	0.06	-0.82
hsa-miR-374b*	0.61	0.04	-0.82
hsa-miR-1289	0.6	0	-0.83
hsa-miR-1296	0.6	0.04	-0.83
hsa-miR-147	0.6	0.04	-0.83
hsa-miR-1979	0.6	0.01	-0.83
hsa-miR-521	0.6	0.01	-0.83
hsa-miR-668	0.6	0.02	-0.83
hsa-miR-1255b	0.59	0.03	-0.84
hsa-miR-1283	0.59	0.01	-0.84
hsa-miR-196a	0.59	0.06	-0.84
hsa-miR-377*	0.59	0.06	-0.84
hsa-miR-519e	0.59	0.01	-0.84
hsa-miR-550	0.59	0.02	-0.84
hsa-miR-92a-1*	0.59	0.09	-0.84
hsa-miR-124	0.58	0.01	-0.85
hsa-miR-1262	0.58	0.02	-0.85
hsa-miR-1299	0.58	0.01	-0.85
hsa-miR-133a	0.58	0.04	-0.85
hsa-miR-374b	0.58	0.07	-0.85
hsa-miR-802	0.58	0.02	-0.85
hsa-miR-1295	0.57	0.03	-0.87
hsa-miR-136*	0.57	0.02	-0.87
hsa-miR-27b	0.57	0.11	-0.87
hsa-miR-494	0.57	0.01	-0.87
hsa-miR-1265	0.56	0.02	-0.88
hsa-miR-1274a	0.56	0	-0.88
hsa-miR-128	0.56	0.01	-0.88
hsa-miR-142-3p	0.56	0.04	-0.88
hsa-miR-515-3p	0.56	0.01	-0.88
hsa-miR-518d-3p	0.56	0.04	-0.88
hsa-miR-520c-3p	0.56	0.02	-0.88
hsa-miR-545*	0.56	0.02	-0.88
hsa-miR-92a-2*	0.56	0.09	-0.88
hsa-miR-124*	0.55	0.04	-0.89
hsa-miR-194	0.55	0.03	-0.89
hsa-miR-26b*	0.55	0.1	-0.89
hsa-miR-124	0.54	0.03	-0.9
hsa-miR-1258	0.54	0.02	-0.9
hsa-miR-1266	0.54	0.02	-0.9
hsa-miR-128	0.54	0.01	-0.9
hsa-miR-129-5p	0.54	0.05	-0.9
hsa-miR-18b	0.54	0	-0.9
hsa-miR-1303	0.53	0.02	-0.91
hsa-miR-126*	0.52	0.01	-0.92
hsa-miR-1287	0.52	0.04	-0.92
hsa-miR-15a*	0.52	0.01	-0.92
hsa-miR-187	0.52	0.01	-0.92
hsa-miR-106b	0.51	0.03	-0.93
hsa-miR-1298	0.51	0.02	-0.93
hsa-miR-1300	0.51	0.01	-0.93
hsa-miR-183*	0.51	0.01	-0.93
hsa-miR-197	0.51	0.01	-0.93
hsa-miR-574-5p	0.51	0.02	-0.93
hsa-miR-125b-1*	0.5	0.01	-0.94
hsa-miR-126	0.5	0.03	-0.94

<b>miRNA mimic</b>	<b>MFI</b>	<b>SD</b>	<b>Z-score</b>
hsa-miR-1270	0.49	0.03	-0.95
hsa-miR-1277	0.49	0.02	-0.95
hsa-miR-17*	0.49	0.01	-0.95
hsa-miR-1908	0.49	0.01	-0.95
hsa-miR-1912	0.49	0.01	-0.95
hsa-miR-194*	0.49	0	-0.95
hsa-miR-1254	0.48	0.01	-0.96
hsa-miR-1255b	0.48	0.04	-0.96
hsa-miR-1288	0.48	0.01	-0.96
hsa-miR-181c*	0.48	0.01	-0.96
hsa-miR-1909*	0.48	0.02	-0.96
hsa-miR-199a-5p	0.48	0.01	-0.96
hsa-miR-654-3p	0.48	0.01	-0.96
hsa-miR-125a-5p	0.47	0.03	-0.97
hsa-miR-1290	0.47	0.02	-0.97
hsa-miR-129-3p	0.47	0.02	-0.97
hsa-miR-1276	0.46	0.02	-0.98
hsa-miR-1283	0.46	0.03	-0.98
hsa-miR-320c	0.46	0.09	-0.98
hsa-miR-92b*	0.46	0.09	-0.98
hsa-miR-139-5p	0.45	0.05	-0.99
hsa-miR-188-5p	0.45	0.01	-0.99
hsa-miR-301b	0.45	0.05	-0.99
hsa-miR-129*	0.44	0.03	-1
hsa-miR-125a-3p	0.43	0.02	-1.01
hsa-miR-1302	0.43	0.01	-1.01
hsa-miR-127-3p	0.41	0.01	-1.03
hsa-miR-196b*	0.4	0.01	-1.04
hsa-miR-1248	0.39	0.02	-1.05
hsa-miR-198	0.39	0.01	-1.05
hsa-miR-523	0.39	0.03	-1.05
hsa-miR-660	0.39	0.02	-1.05
hsa-miR-192*	0.38	0.01	-1.06
hsa-miR-659	0.38	0.01	-1.06
hsa-miR-331-3p	0.35	0.06	-1.1
hsa-miR-193b	0.34	0.01	-1.11
hsa-miR-31*	0.34	0.01	-1.11
hsa-miR-187*	0.33	0.03	-1.12
hsa-miR-194	0.32	0.01	-1.13
hsa-miR-211	0.32	0.02	-1.13
hsa-miR-302d	0.32	0.01	-1.13
hsa-miR-342-3p	0.31	0.05	-1.14
hsa-miR-549	0.31	0.01	-1.14
hsa-miR-624	0.3	0.01	-1.15
hsa-miR-30c-1*	0.21	0.03	-1.24
hsa-miR-339-3p	0.21	0.01	-1.24
hsa-miR-325	0.14	0.02	-1.31



**Supplemental Table S2B: Effects of 988 mimics on the invasive capacity of A375 melanoma cells in comparison to cel-miR-243**

The tables show significance tests for all miRNA mimics tested in the invasion assay with A375 cells. Each MFI value, normalized to the mock control, was logarithmized (natural log) to achieve an approximately normal distribution. Subsequently, an one way anova was performed (small table at the top), followed by a Dunnetts test (main table) to determine the significance of specific miRNA candidates to the control (cel-miR-243). Comparisons significant at the 0.05 level are indicated by \*\*\*.

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	882	902.09776	1.0227866	40.58	<.0001
Error	2121	53.457392	0.0252039		
Corrected Total	3003	955.55515			

Comparisons significant at the 0.05 level are indicated by ***				
miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-576-5p - cel-miR-243	2.06983	1.68985	2.4498	***
hsa-miR-554 - cel-miR-243	2.0098	1.62983	2.38977	***
hsa-miR-483-5p - cel-miR-243	1.97071	1.59073	2.35068	***
hsa-miR-559 - cel-miR-243	1.94073	1.56076	2.3207	***
hsa-miR-206 - cel-miR-243	1.92378	1.54381	2.30375	***
hsa-miR-2054 - cel-miR-243	1.75757	1.3776	2.13754	***
hsa-miR-578 - cel-miR-243	1.74991	1.36993	2.12988	***
hsa-miR-575 - cel-miR-243	1.72654	1.34657	2.10651	***
hsa-miR-202 - cel-miR-243	1.70262	1.32265	2.08259	***
hsa-miR-1200 - cel-miR-243	1.69209	1.31212	2.07207	***
hsa-miR-200b - cel-miR-243	1.68529	1.30532	2.06526	***
hsa-miR-20b - cel-miR-243	1.67454	1.29457	2.05451	***
hsa-miR-507 - cel-miR-243	1.66553	1.28556	2.04551	***
hsa-miR-595 - cel-miR-243	1.65485	1.27488	2.03482	***
hsa-miR-2052 - cel-miR-243	1.62927	1.2493	2.00925	***
hsa-miR-611 - cel-miR-243	1.6186	1.23863	1.99857	***
hsa-miR-205* - cel-miR-243	1.60648	1.22651	1.98645	***
hsa-miR-202* - cel-miR-243	1.56418	1.18421	1.94415	***
hsa-miR-21 - cel-miR-243	1.55159	1.17162	1.93156	***
hsa-miR-518b - cel-miR-243	1.53961	1.15964	1.91958	***
hsa-miR-498 - cel-miR-243	1.53842	1.15844	1.91839	***
hsa-miR-661 - cel-miR-243	1.53428	1.15431	1.91426	***
hsa-miR-632 - cel-miR-243	1.53245	1.15248	1.91242	***
hsa-miR-640 - cel-miR-243	1.52985	1.14988	1.90982	***
hsa-miR-2053 - cel-miR-243	1.5184	1.13843	1.89837	***
hsa-miR-200c* - cel-miR-243	1.50778	1.12781	1.88775	***
hsa-miR-200c - cel-miR-243	1.50539	1.12541	1.88536	***
hsa-miR-154* - cel-miR-243	1.46076	1.08078	1.84073	***
hsa-miR-200a* - cel-miR-243	1.45551	1.07553	1.83548	***
hsa-miR-222 - cel-miR-243	1.4434	1.06343	1.82337	***
hsa-miR-647 - cel-miR-243	1.4169	1.03693	1.79688	***
hsa-miR-874 - cel-miR-243	1.40027	1.0203	1.78024	***
hsa-miR-766 - cel-miR-243	1.39026	1.01029	1.77023	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-518a-3p - cel-miR-243	1.38077	1.10445	1.65709	***
hsa-miR-19b - cel-miR-243	1.3677	1.09138	1.64402	***
hsa-miR-548m - cel-miR-243	1.32403	0.94406	1.704	***
hsa-miR-21* - cel-miR-243	1.32153	0.94156	1.7015	***
hsa-miR-210 - cel-miR-243	1.3047	0.92472	1.68467	***
hsa-miR-203 - cel-miR-243	1.29567	0.9157	1.67565	***
hsa-miR-501-5p - cel-miR-243	1.29289	0.91291	1.67286	***
hsa-miR-19b-1* - cel-miR-243	1.27537	0.8954	1.65534	***
hsa-miR-599 - cel-miR-243	1.24946	0.86949	1.62944	***
hsa-miR-490-3p - cel-miR-243	1.23757	0.8576	1.61754	***
hsa-miR-635 - cel-miR-243	1.23452	0.85455	1.61449	***
hsa-miR-491-3p - cel-miR-243	1.20799	0.82802	1.58796	***
hsa-miR-181a* - cel-miR-243	1.20126	0.82128	1.58123	***
hsa-miR-548j - cel-miR-243	1.19339	0.81342	1.57336	***
hsa-miR-886-5p - cel-miR-243	1.18176	0.80179	1.56173	***
hsa-miR-501-3p - cel-miR-243	1.1666	0.78663	1.54657	***
hsa-miR-505* - cel-miR-243	1.14573	0.76576	1.5257	***
hsa-miR-562 - cel-miR-243	1.12755	0.74758	1.50752	***
hsa-miR-873 - cel-miR-243	1.12223	0.74226	1.5022	***
hsa-miR-654-5p - cel-miR-243	1.11426	0.73428	1.49423	***
hsa-miR-212 - cel-miR-243	1.10819	0.72822	1.48816	***
hsa-miR-556-5p - cel-miR-243	1.10104	0.72107	1.48101	***
hsa-miR-499-5p - cel-miR-243	1.09822	0.71825	1.47819	***
hsa-miR-650 - cel-miR-243	1.09565	0.71568	1.47562	***
hsa-miR-20b* - cel-miR-243	1.08693	0.70696	1.4669	***
hsa-miR-214* - cel-miR-243	1.07477	0.6948	1.45474	***
hsa-miR-648 - cel-miR-243	1.07201	0.69203	1.45198	***
hsa-miR-675 - cel-miR-243	1.06774	0.68777	1.44771	***
hsa-miR-656 - cel-miR-243	1.059	0.67903	1.43897	***
hsa-miR-767-5p - cel-miR-243	1.03608	0.65611	1.41605	***
hsa-miR-519a* - cel-miR-243	1.03281	0.65284	1.41278	***
hsa-miR-585 - cel-miR-243	1.03281	0.65284	1.41278	***
hsa-miR-517a - cel-miR-243	1.02578	0.64581	1.40575	***
hsa-miR-637 - cel-miR-243	1.02251	0.64254	1.40248	***
hsa-miR-564 - cel-miR-243	1.01602	0.63605	1.39599	***
hsa-miR-885-3p - cel-miR-243	1.01585	0.63588	1.39582	***
hsa-miR-493* - cel-miR-243	1.00727	0.6273	1.38724	***
hsa-miR-561 - cel-miR-243	1.00094	0.62097	1.38091	***
hsa-miR-200b* - cel-miR-243	0.99557	0.6156	1.37554	***
hsa-miR-223* - cel-miR-243	0.99228	0.61231	1.37225	***
hsa-miR-604 - cel-miR-243	0.99171	0.61174	1.37168	***
hsa-miR-591 - cel-miR-243	0.97674	0.59677	1.35672	***
hsa-miR-15b* - cel-miR-243	0.97523	0.59526	1.3552	***
hsa-miR-622 - cel-miR-243	0.9744	0.59442	1.35437	***
hsa-miR-877 - cel-miR-243	0.97341	0.59344	1.35338	***
hsa-miR-646 - cel-miR-243	0.97301	0.59304	1.35298	***
hsa-miR-553 - cel-miR-243	0.97293	0.59296	1.3529	***
hsa-miR-645 - cel-miR-243	0.97231	0.59234	1.35228	***
hsa-miR-502-5p - cel-miR-243	0.96258	0.58261	1.34255	***
hsa-miR-891a - cel-miR-243	0.96078	0.5808	1.34075	***
hsa-miR-643 - cel-miR-243	0.95179	0.57182	1.33176	***
hsa-miR-19a - cel-miR-243	0.94909	0.56912	1.32906	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-219-1-3p - cel-miR-243	0.9487	0.56873	1.32868	***
hsa-miR-1282 - cel-miR-243	0.94292	0.56295	1.32289	***
hsa-miR-518c* - cel-miR-243	0.93061	0.55064	1.31058	***
hsa-miR-147b - cel-miR-243	0.92093	0.54096	1.3009	***
hsa-miR-513c - cel-miR-243	0.91949	0.53952	1.29946	***
hsa-miR-208a - cel-miR-243	0.91751	0.53754	1.29748	***
hsa-miR-720 - cel-miR-243	0.91277	0.5328	1.29274	***
hsa-miR-208b - cel-miR-243	0.9023	0.52233	1.28228	***
hsa-miR-875-5p - cel-miR-243	0.89614	0.51617	1.27611	***
hsa-miR-663b - cel-miR-243	0.88765	0.50768	1.26762	***
hsa-miR-16-2* - cel-miR-243	0.88366	0.50368	1.26363	***
hsa-miR-633 - cel-miR-243	0.86664	0.48667	1.24661	***
hsa-miR-636 - cel-miR-243	0.85416	0.47419	1.23413	***
hsa-miR-517* - cel-miR-243	0.84606	0.61437	1.07774	***
hsa-miR-890 - cel-miR-243	0.84166	0.46169	1.22163	***
hsa-miR-555 - cel-miR-243	0.839	0.45903	1.21897	***
hsa-miR-496 - cel-miR-243	0.8347	0.45473	1.21467	***
hsa-miR-583 - cel-miR-243	0.83105	0.45108	1.21102	***
hsa-miR-651 - cel-miR-243	0.83004	0.45007	1.21001	***
hsa-miR-617 - cel-miR-243	0.82853	0.44856	1.2085	***
hsa-miR-569 - cel-miR-243	0.82685	0.44688	1.20683	***
hsa-miR-548i - cel-miR-243	0.82401	0.61824	1.02978	***
hsa-miR-589* - cel-miR-243	0.82042	0.44044	1.20039	***
hsa-miR-523* - cel-miR-243	0.819	0.43903	1.19897	***
hsa-miR-606 - cel-miR-243	0.81805	0.43808	1.19802	***
hsa-miR-219-5p - cel-miR-243	0.81222	0.5359	1.08854	***
hsa-miR-612 - cel-miR-243	0.80704	0.42707	1.18701	***
hsa-miR-518e - cel-miR-243	0.80521	0.42524	1.18519	***
hsa-miR-18a* - cel-miR-243	0.80373	0.42376	1.1837	***
hsa-miR-497 - cel-miR-243	0.79839	0.41842	1.17836	***
hsa-miR-639 - cel-miR-243	0.79825	0.41828	1.17822	***
hsa-miR-760 - cel-miR-243	0.78802	0.40805	1.168	***
hsa-miR-216a - cel-miR-243	0.78183	0.40185	1.1618	***
hsa-miR-548l - cel-miR-243	0.77838	0.39841	1.15835	***
hsa-miR-24-2* - cel-miR-243	0.77539	0.39542	1.15536	***
hsa-miR-509-3p - cel-miR-243	0.77268	0.54099	1.00436	***
hsa-miR-655 - cel-miR-243	0.77016	0.39019	1.15013	***
hsa-miR-642 - cel-miR-243	0.75792	0.37794	1.13789	***
hsa-miR-489 - cel-miR-243	0.75322	0.37325	1.13319	***
hsa-miR-1537 - cel-miR-243	0.75288	0.37291	1.13286	***
hsa-miR-497* - cel-miR-243	0.74415	0.36418	1.12412	***
hsa-miR-607 - cel-miR-243	0.74386	0.36389	1.12383	***
hsa-miR-886-3p - cel-miR-243	0.7422	0.36223	1.12217	***
hsa-miR-490-5p - cel-miR-243	0.74189	0.36192	1.12186	***
hsa-miR-22* - cel-miR-243	0.74122	0.36125	1.12119	***
hsa-miR-191 - cel-miR-243	0.73939	0.35942	1.11936	***
hsa-miR-1202 - cel-miR-243	0.73814	0.35817	1.11811	***
hsa-miR-218-1* - cel-miR-243	0.73144	0.35147	1.11141	***
hsa-miR-769-5p - cel-miR-243	0.73031	0.35034	1.11028	***
hsa-miR-138-2* - cel-miR-243	0.72574	0.34577	1.10571	***
hsa-miR-222* - cel-miR-243	0.72542	0.34545	1.10539	***
hsa-miR-518c - cel-miR-243	0.72477	0.3448	1.10475	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-16 - cel-miR-243	0.72167	0.44534	0.99799	***
hsa-miR-410 - cel-miR-243	0.71945	0.33948	1.09942	***
hsa-miR-1197 - cel-miR-243	0.71825	0.33828	1.09822	***
hsa-miR-644 - cel-miR-243	0.71703	0.33706	1.097	***
hsa-miR-551b* - cel-miR-243	0.71629	0.33632	1.09626	***
hsa-miR-185 - cel-miR-243	0.71549	0.33552	1.09546	***
hsa-miR-634 - cel-miR-243	0.70981	0.32984	1.08978	***
hsa-miR-1224-5p - cel-miR-243	0.70895	0.32898	1.08892	***
hsa-miR-548n - cel-miR-243	0.70767	0.3277	1.08764	***
hsa-miR-516b* - cel-miR-243	0.70626	0.42993	0.98258	***
hsa-miR-500* - cel-miR-243	0.70455	0.32457	1.08452	***
hsa-miR-218-2* - cel-miR-243	0.70418	0.32421	1.08415	***
hsa-miR-215 - cel-miR-243	0.70337	0.3234	1.08334	***
hsa-miR-502-3p - cel-miR-243	0.70186	0.32189	1.08183	***
hsa-miR-548k - cel-miR-243	0.70008	0.3201	1.08005	***
hsa-miR-224 - cel-miR-243	0.69853	0.31856	1.07851	***
hsa-miR-1263 - cel-miR-243	0.69585	0.31588	1.07582	***
hsa-miR-563 - cel-miR-243	0.69452	0.31455	1.07449	***
hsa-miR-589 - cel-miR-243	0.69407	0.3141	1.07405	***
hsa-miR-23b - cel-miR-243	0.67424	0.29427	1.05421	***
hsa-miR-7-1* - cel-miR-243	0.67421	0.29423	1.05418	***
hsa-miR-216b - cel-miR-243	0.67321	0.29324	1.05318	***
hsa-miR-556-3p - cel-miR-243	0.67188	0.29191	1.05185	***
hsa-miR-93 - cel-miR-243	0.67158	0.29161	1.05155	***
hsa-miR-520a-5p - cel-miR-243	0.67109	0.29112	1.05107	***
hsa-miR-146a* - cel-miR-243	0.67015	0.29018	1.05013	***
hsa-miR-518a-5p - cel-miR-243	0.66999	0.39367	0.94631	***
hsa-miR-631 - cel-miR-243	0.66456	0.28459	1.04453	***
hsa-miR-770-5p - cel-miR-243	0.66315	0.28318	1.04313	***
hsa-miR-508-3p - cel-miR-243	0.66014	0.28017	1.04011	***
hsa-miR-1826 - cel-miR-243	0.6564	0.27643	1.03638	***
hsa-miR-182 - cel-miR-243	0.65409	0.27412	1.03406	***
hsa-miR-181a-2* - cel-miR-243	0.65075	0.27078	1.03073	***
hsa-miR-1539 - cel-miR-243	0.64614	0.26617	1.02611	***
hsa-miR-516a-3p - cel-miR-243	0.64457	0.36825	0.92089	***
hsa-miR-627 - cel-miR-243	0.6434	0.26343	1.02337	***
hsa-miR-513a-5p - cel-miR-243	0.63937	0.36305	0.9157	***
hsa-miR-629 - cel-miR-243	0.63921	0.25924	1.01919	***
hsa-miR-615-3p - cel-miR-243	0.63624	0.25627	1.01621	***
hsa-miR-577 - cel-miR-243	0.63068	0.25071	1.01065	***
hsa-miR-605 - cel-miR-243	0.62995	0.24998	1.00992	***
hsa-miR-1267 - cel-miR-243	0.62827	0.2483	1.00824	***
hsa-miR-214 - cel-miR-243	0.62582	0.24585	1.00579	***
hsa-miR-629* - cel-miR-243	0.62484	0.24487	1.00481	***
hsa-miR-551a - cel-miR-243	0.62388	0.24391	1.00385	***
hsa-miR-922 - cel-miR-243	0.62257	0.2426	1.00254	***
hsa-miR-517b - cel-miR-243	0.62144	0.24147	1.00141	***
hsa-miR-181b - cel-miR-243	0.62053	0.34421	0.89685	***
hsa-miR-190b - cel-miR-243	0.61979	0.23982	0.99976	***
hsa-miR-15b - cel-miR-243	0.61891	0.23894	0.99888	***
hsa-miR-671-3p - cel-miR-243	0.6138	0.23383	0.99377	***
hsa-miR-875-3p - cel-miR-243	0.61217	0.2322	0.99214	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-518f - cel-miR-243	0.61112	0.23115	0.99109	***
hsa-miR-495 - cel-miR-243	0.60719	0.22721	0.98716	***
hsa-miR-411 - cel-miR-243	0.60693	0.22695	0.9869	***
hsa-miR-572 - cel-miR-243	0.60613	0.22616	0.9861	***
hsa-miR-1225-3p - cel-miR-243	0.6029	0.22293	0.98287	***
hsa-miR-744 - cel-miR-243	0.59985	0.21988	0.97982	***
hsa-miR-592 - cel-miR-243	0.59911	0.21914	0.97908	***
hsa-miR-618 - cel-miR-243	0.59822	0.21825	0.97819	***
hsa-miR-671-5p - cel-miR-243	0.59579	0.21582	0.97576	***
hsa-miR-512-3p - cel-miR-243	0.59446	0.31814	0.87079	***
hsa-miR-223 - cel-miR-243	0.59408	0.21411	0.97405	***
hsa-miR-499-3p - cel-miR-243	0.59351	0.21354	0.97348	***
hsa-miR-1470 - cel-miR-243	0.59222	0.21225	0.97219	***
hsa-miR-557 - cel-miR-243	0.592	0.21203	0.97197	***
hsa-miR-876-3p - cel-miR-243	0.59064	0.21067	0.97061	***
hsa-miR-649 - cel-miR-243	0.58985	0.20988	0.96982	***
hsa-miR-548e - cel-miR-243	0.58982	0.20985	0.96979	***
hsa-miR-600 - cel-miR-243	0.58926	0.20929	0.96923	***
hsa-miR-586 - cel-miR-243	0.589	0.20903	0.96897	***
hsa-miR-616* - cel-miR-243	0.58556	0.20559	0.96553	***
hsa-miR-24-1* - cel-miR-243	0.5817	0.20173	0.96167	***
hsa-miR-513a-3p - cel-miR-243	0.58124	0.30491	0.85756	***
hsa-miR-7-2* - cel-miR-243	0.57997	0.2	0.95995	***
hsa-miR-596 - cel-miR-243	0.57861	0.19864	0.95859	***
hsa-miR-1469 - cel-miR-243	0.57779	0.19782	0.95776	***
hsa-miR-1244 - cel-miR-243	0.57744	0.19747	0.95741	***
hsa-miR-26a - cel-miR-243	0.57657	0.30025	0.85289	***
hsa-miR-664* - cel-miR-243	0.57462	0.19465	0.9546	***
hsa-miR-524-5p - cel-miR-243	0.57299	0.19302	0.95296	***
hsa-miR-181c - cel-miR-243	0.56916	0.18918	0.94913	***
hsa-miR-638 - cel-miR-243	0.56911	0.18914	0.94909	***
hsa-miR-626 - cel-miR-243	0.56898	0.18901	0.94895	***
hsa-miR-657 - cel-miR-243	0.5686	0.18863	0.94857	***
hsa-miR-590-5p - cel-miR-243	0.56829	0.18832	0.94826	***
hsa-miR-590-3p - cel-miR-243	0.5672	0.18723	0.94717	***
hsa-miR-767-3p - cel-miR-243	0.56494	0.18497	0.94491	***
hsa-miR-550* - cel-miR-243	0.5626	0.28628	0.83893	***
hsa-miR-10b - cel-miR-243	0.55753	0.17756	0.9375	***
hsa-miR-220a - cel-miR-243	0.55406	0.17409	0.93403	***
hsa-miR-150 - cel-miR-243	0.55335	0.17337	0.93332	***
hsa-miR-510 - cel-miR-243	0.55323	0.17326	0.9332	***
hsa-miR-615-5p - cel-miR-243	0.55236	0.17239	0.93233	***
hsa-miR-519b-3p - cel-miR-243	0.54815	0.16818	0.92813	***
hsa-miR-296-3p - cel-miR-243	0.54729	0.16732	0.92726	***
hsa-miR-551b - cel-miR-243	0.54453	0.16455	0.9245	***
hsa-miR-1178 - cel-miR-243	0.54417	0.16419	0.92414	***
hsa-miR-16-1* - cel-miR-243	0.54356	0.16359	0.92353	***
hsa-miR-24 - cel-miR-243	0.54344	0.26711	0.81976	***
hsa-miR-2113 - cel-miR-243	0.54321	0.16324	0.92318	***
hsa-miR-573 - cel-miR-243	0.53945	0.15948	0.91943	***
hsa-miR-579 - cel-miR-243	0.53745	0.15748	0.91742	***
hsa-miR-508-5p - cel-miR-243	0.53536	0.15539	0.91533	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-758 - cel-miR-243	0.53517	0.1552	0.91515	***
hsa-miR-522* - cel-miR-243	0.53336	0.15339	0.91333	***
hsa-miR-1827 - cel-miR-243	0.53257	0.1526	0.91254	***
hsa-miR-937 - cel-miR-243	0.53253	0.15256	0.9125	***
hsa-miR-1284 - cel-miR-243	0.52903	0.14906	0.909	***
hsa-miR-1225-5p - cel-miR-243	0.52858	0.14861	0.90855	***
hsa-miR-582-3p - cel-miR-243	0.52766	0.14769	0.90763	***
hsa-miR-205 - cel-miR-243	0.52442	0.14445	0.90439	***
hsa-miR-185* - cel-miR-243	0.52339	0.14342	0.90336	***
hsa-miR-889 - cel-miR-243	0.52227	0.1423	0.90224	***
hsa-miR-580 - cel-miR-243	0.51927	0.1393	0.89924	***
hsa-miR-892a - cel-miR-243	0.51925	0.13928	0.89922	***
hsa-miR-641 - cel-miR-243	0.51854	0.13857	0.89851	***
hsa-miR-614 - cel-miR-243	0.51686	0.13689	0.89683	***
hsa-miR-514 - cel-miR-243	0.51372	0.28204	0.74541	***
hsa-miR-200a - cel-miR-243	0.51253	0.13255	0.8925	***
hsa-let-7i* - cel-miR-243	0.51241	0.13244	0.89238	***
hsa-miR-620 - cel-miR-243	0.5118	0.13183	0.89178	***
hsa-miR-598 - cel-miR-243	0.51089	0.13092	0.89086	***
hsa-miR-150* - cel-miR-243	0.51044	0.13047	0.89041	***
hsa-miR-151-5p - cel-miR-243	0.50212	0.12215	0.88209	***
hsa-miR-584 - cel-miR-243	0.49974	0.11977	0.87971	***
hsa-miR-218 - cel-miR-243	0.49942	0.2231	0.77574	***
hsa-miR-542-5p - cel-miR-243	0.49646	0.11648	0.87643	***
hsa-miR-19b-2* - cel-miR-243	0.4944	0.11443	0.87437	***
hsa-miR-621 - cel-miR-243	0.49096	0.11099	0.87093	***
hsa-miR-1273 - cel-miR-243	0.48945	0.10948	0.86942	***
hsa-miR-1206 - cel-miR-243	0.48397	0.104	0.86395	***
hsa-miR-488* - cel-miR-243	0.47948	0.09951	0.85945	***
hsa-miR-34a - cel-miR-243	0.47843	0.09846	0.85841	***
hsa-miR-582-5p - cel-miR-243	0.47652	0.09655	0.85649	***
hsa-miR-662 - cel-miR-243	0.47233	0.09236	0.85231	***
hsa-miR-613 - cel-miR-243	0.47212	0.09215	0.85209	***
hsa-miR-505 - cel-miR-243	0.47035	0.09038	0.85032	***
hsa-miR-188-3p - cel-miR-243	0.4641	0.08412	0.84407	***
hsa-miR-601 - cel-miR-243	0.46351	0.08354	0.84349	***
hsa-miR-665 - cel-miR-243	0.46089	0.08092	0.84086	***
hsa-miR-630 - cel-miR-243	0.45762	0.07765	0.83759	***
hsa-miR-23a* - cel-miR-243	0.45706	0.07709	0.83703	***
hsa-miR-520b - cel-miR-243	0.45448	0.07451	0.83445	***
hsa-miR-9* - cel-miR-243	0.44787	0.21618	0.67955	***
hsa-miR-765 - cel-miR-243	0.44755	0.06758	0.82753	***
hsa-miR-346 - cel-miR-243	0.44634	0.06637	0.82632	***
hsa-miR-506 - cel-miR-243	0.44582	0.06585	0.8258	***
hsa-miR-182* - cel-miR-243	0.44507	0.0651	0.82504	***
hsa-miR-361-5p - cel-miR-243	0.44409	0.06411	0.82406	***
hsa-miR-568 - cel-miR-243	0.44283	0.06286	0.8228	***
hsa-miR-503 - cel-miR-243	0.44215	0.06218	0.82212	***
hsa-miR-107 - cel-miR-243	0.44171	0.06174	0.82168	***
hsa-miR-616 - cel-miR-243	0.43758	0.05761	0.81755	***
hsa-miR-92a - cel-miR-243	0.43612	0.1598	0.71244	***
hsa-miR-181a - cel-miR-243	0.4332	0.15687	0.70952	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-22 - cel-miR-243	0.42303	0.04305	0.803	***
hsa-miR-548c-3p - cel-miR-243	0.42001	0.04004	0.79998	***
hsa-miR-623 - cel-miR-243	0.41982	0.03985	0.79979	***
hsa-miR-548d-5p - cel-miR-243	0.41716	0.14084	0.69348	***
hsa-miR-516a-5p - cel-miR-243	0.41632	0.14	0.69264	***
hsa-miR-608 - cel-miR-243	0.4161	0.03612	0.79607	***
hsa-miR-548p - cel-miR-243	0.41528	0.03531	0.79525	***
hsa-miR-487b - cel-miR-243	0.41217	0.0322	0.79214	***
hsa-miR-663 - cel-miR-243	0.41047	0.0305	0.79044	***
hsa-miR-1914* - cel-miR-243	0.4054	0.02543	0.78538	***
hsa-miR-451 - cel-miR-243	0.4046	0.02463	0.78457	***
hsa-miR-155 - cel-miR-243	0.4026	0.02263	0.78257	***
hsa-miR-99a - cel-miR-243	0.39962	0.01965	0.77959	***
hsa-miR-520h - cel-miR-243	0.39906	0.01909	0.77903	***
hsa-miR-1201 - cel-miR-243	0.39585	0.01588	0.77582	***
hsa-let-7b - cel-miR-243	0.39286	0.01289	0.77283	***
hsa-miR-1229 - cel-miR-243	0.38099	0.00101	0.76096	***
hsa-miR-576-3p - cel-miR-243	0.38052	0.00055	0.7605	***
hsa-miR-520a-3p - cel-miR-243	0.37992	-0.00005	0.75989	
hsa-miR-603 - cel-miR-243	0.3751	-0.00488	0.75507	
hsa-miR-1245 - cel-miR-243	0.3717	-0.00827	0.75167	
hsa-miR-597 - cel-miR-243	0.3686	-0.01137	0.74858	
hsa-miR-541 - cel-miR-243	0.36814	-0.01183	0.74811	
hsa-miR-367* - cel-miR-243	0.36235	-0.01762	0.74232	
hsa-miR-96 - cel-miR-243	0.35848	-0.02149	0.73845	
hsa-miR-625 - cel-miR-243	0.35669	-0.02328	0.73666	
hsa-miR-548a-5p - cel-miR-243	0.3553	-0.02467	0.73527	
hsa-miR-130a - cel-miR-243	0.35501	-0.02496	0.73498	
hsa-miR-19a* - cel-miR-243	0.34916	-0.03081	0.72913	
hsa-miR-100 - cel-miR-243	0.34901	-0.03096	0.72898	
hsa-miR-519c-5p - cel-miR-243	0.34824	-0.03173	0.72821	
hsa-let-7c - cel-miR-243	0.34141	-0.03856	0.72138	
hsa-miR-1915* - cel-miR-243	0.33955	-0.04042	0.71952	
hsa-miR-297 - cel-miR-243	0.33642	-0.04355	0.71639	
hsa-miR-190 - cel-miR-243	0.33483	-0.04514	0.7148	
hsa-miR-103 - cel-miR-243	0.33273	0.05641	0.60906	***
hsa-miR-891b - cel-miR-243	0.33116	-0.04881	0.71113	
hsa-miR-1205 - cel-miR-243	0.32979	-0.05019	0.70976	
hsa-miR-323-3p - cel-miR-243	0.32891	-0.05106	0.70889	
hsa-miR-345 - cel-miR-243	0.32817	-0.0518	0.70814	
hsa-miR-933 - cel-miR-243	0.32728	-0.05269	0.70725	
hsa-miR-593* - cel-miR-243	0.32683	-0.05314	0.7068	
hsa-miR-570 - cel-miR-243	0.32553	-0.05444	0.70551	
hsa-miR-520f - cel-miR-243	0.32415	-0.05582	0.70412	
hsa-miR-1231 - cel-miR-243	0.32139	-0.05859	0.70136	
hsa-miR-652 - cel-miR-243	0.32003	-0.05994	0.7	
hsa-miR-1203 - cel-miR-243	0.3178	-0.06217	0.69777	
hsa-miR-519a - cel-miR-243	0.31687	0.04055	0.59319	***
hsa-miR-485-5p - cel-miR-243	0.31684	-0.06313	0.69681	
hsa-miR-143 - cel-miR-243	0.31576	-0.06422	0.69573	
hsa-miR-32 - cel-miR-243	0.31498	-0.06499	0.69495	
hsa-miR-520c-5p - cel-miR-243	0.31487	-0.0651	0.69484	

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-1471 - cel-miR-243	0.31472	-0.06525	0.6947	
hsa-miR-135a* - cel-miR-243	0.31275	-0.06722	0.69272	
hsa-miR-1294 - cel-miR-243	0.31232	-0.06765	0.69229	
hsa-miR-942 - cel-miR-243	0.31194	-0.06803	0.69191	
hsa-let-7i - cel-miR-243	0.30857	-0.0714	0.68854	
hsa-miR-509-5p - cel-miR-243	0.30532	0.029	0.58164	***
hsa-miR-1184 - cel-miR-243	0.30473	-0.07524	0.6847	
hsa-miR-548a-3p - cel-miR-243	0.30388	0.07219	0.53556	***
hsa-miR-593 - cel-miR-243	0.30348	-0.07649	0.68346	
hsa-miR-892b - cel-miR-243	0.30295	-0.07702	0.68292	
hsa-miR-181d - cel-miR-243	0.30227	-0.0777	0.68224	
hsa-miR-100* - cel-miR-243	0.30132	-0.07865	0.68129	
hsa-miR-452* - cel-miR-243	0.29944	-0.08053	0.67941	
hsa-miR-27a* - cel-miR-243	0.29936	-0.08061	0.67933	
hsa-miR-1226* - cel-miR-243	0.29789	-0.08208	0.67786	
hsa-miR-1237 - cel-miR-243	0.29656	-0.08341	0.67653	
hsa-miR-888* - cel-miR-243	0.29463	-0.08534	0.6746	
hsa-miR-941 - cel-miR-243	0.29448	0.08871	0.50025	***
hsa-miR-138 - cel-miR-243	0.29398	0.01766	0.5703	***
hsa-miR-548g - cel-miR-243	0.29092	-0.08906	0.67089	
hsa-miR-708 - cel-miR-243	0.28993	-0.09004	0.66991	
hsa-miR-7 - cel-miR-243	0.28803	0.05634	0.51971	***
hsa-miR-518f* - cel-miR-243	0.28797	-0.092	0.66794	
hsa-let-7e* - cel-miR-243	0.28537	-0.0946	0.66534	
hsa-miR-450b-5p - cel-miR-243	0.28531	-0.09467	0.66528	
hsa-miR-512-5p - cel-miR-243	0.28505	0.00873	0.56137	***
hsa-miR-939 - cel-miR-243	0.28463	-0.09534	0.6646	
hsa-miR-517c - cel-miR-243	0.28373	-0.09624	0.6637	
hsa-miR-1910 - cel-miR-243	0.27809	-0.10188	0.65806	
hsa-miR-1909 - cel-miR-243	0.27605	-0.10392	0.65602	
hsa-miR-20a* - cel-miR-243	0.27565	-0.10433	0.65562	
hsa-miR-146a - cel-miR-243	0.27218	-0.10779	0.65215	
hsa-miR-571 - cel-miR-243	0.27218	-0.10779	0.65215	
hsa-miR-588 - cel-miR-243	0.26918	-0.11079	0.64916	
hsa-miR-99a* - cel-miR-243	0.26867	-0.1113	0.64865	
hsa-miR-1468 - cel-miR-243	0.26832	-0.11166	0.64829	
hsa-miR-1914 - cel-miR-243	0.26761	-0.11236	0.64758	
hsa-miR-33a - cel-miR-243	0.26691	-0.11306	0.64688	
hsa-let-7d - cel-miR-243	0.26545	-0.11452	0.64542	
hsa-miR-154 - cel-miR-243	0.26522	-0.11475	0.64519	
hsa-miR-1974 - cel-miR-243	0.26496	-0.11501	0.64493	
hsa-miR-526b - cel-miR-243	0.26082	-0.11915	0.64079	
hsa-miR-664 - cel-miR-243	0.25971	-0.12026	0.63968	
hsa-miR-541* - cel-miR-243	0.25969	-0.12028	0.63966	
hsa-miR-924 - cel-miR-243	0.25904	-0.12093	0.63901	
hsa-miR-1274b - cel-miR-243	0.2589	-0.12107	0.63887	
hsa-miR-224* - cel-miR-243	0.25568	-0.12429	0.63565	
hsa-miR-1207-3p - cel-miR-243	0.25545	-0.12452	0.63543	
hsa-miR-484 - cel-miR-243	0.25398	-0.12599	0.63395	
hsa-miR-98 - cel-miR-243	0.25075	-0.12922	0.63073	
hsa-miR-548f - cel-miR-243	0.25035	0.06183	0.43887	***
hsa-miR-1227 - cel-miR-243	0.24945	-0.13053	0.62942	



miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-32* - cel-miR-243	0.24937	-0.1306	0.62934	
hsa-miR-9 - cel-miR-243	0.24911	0.01742	0.48079	***
hsa-miR-33a* - cel-miR-243	0.24832	-0.13165	0.62829	
hsa-miR-1224-3p - cel-miR-243	0.24722	-0.13275	0.62719	
hsa-miR-619 - cel-miR-243	0.24657	-0.13341	0.62654	
hsa-miR-1915 - cel-miR-243	0.24193	-0.13804	0.62191	
hsa-miR-587 - cel-miR-243	0.24191	-0.13807	0.62188	
hsa-let-7a* - cel-miR-243	0.24062	-0.0357	0.51694	
hsa-miR-411* - cel-miR-243	0.24036	-0.13961	0.62033	
hsa-miR-525-5p - cel-miR-243	0.24035	-0.13962	0.62032	
hsa-miR-1253 - cel-miR-243	0.23765	-0.14232	0.61762	
hsa-let-7d* - cel-miR-243	0.23504	-0.14493	0.61501	
hsa-miR-139-3p - cel-miR-243	0.23262	-0.14735	0.61259	
hsa-miR-524-3p - cel-miR-243	0.23164	-0.14834	0.61161	
hsa-miR-486-3p - cel-miR-243	0.22847	-0.15151	0.60844	
hsa-miR-921 - cel-miR-243	0.22731	-0.15266	0.60728	
hsa-miR-93* - cel-miR-243	0.22557	-0.1544	0.60554	
hsa-miR-526a - cel-miR-243	0.22219	-0.05414	0.49851	
hsa-miR-1179 - cel-miR-243	0.22139	-0.15858	0.60137	
hsa-miR-302a* - cel-miR-243	0.21985	-0.16013	0.59982	
hsa-miR-204 - cel-miR-243	0.2189	-0.16107	0.59887	
hsa-miR-1913 - cel-miR-243	0.21869	-0.16128	0.59866	
hsa-miR-658 - cel-miR-243	0.21859	-0.16138	0.59856	
hsa-miR-25* - cel-miR-243	0.21791	-0.16207	0.59788	
hsa-let-7a-2* - cel-miR-243	0.21724	-0.16273	0.59722	
hsa-miR-17 - cel-miR-243	0.21389	-0.16608	0.59386	
hsa-miR-106b* - cel-miR-243	0.21149	-0.16848	0.59146	
hsa-miR-26a-2* - cel-miR-243	0.21123	-0.16874	0.5912	
hsa-miR-548h - cel-miR-243	0.20911	0.00334	0.41488	***
hsa-miR-485-3p - cel-miR-243	0.2089	-0.17107	0.58887	
hsa-miR-1280 - cel-miR-243	0.20882	-0.17115	0.58879	
hsa-miR-130b - cel-miR-243	0.20652	-0.17345	0.5865	
hsa-miR-412 - cel-miR-243	0.20482	-0.17515	0.58479	
hsa-miR-335* - cel-miR-243	0.20474	-0.17523	0.58471	
hsa-miR-1183 - cel-miR-243	0.20303	-0.17694	0.583	
hsa-miR-191* - cel-miR-243	0.19946	-0.18051	0.57943	
hsa-miR-1302 - cel-miR-243	0.19709	0.03791	0.35626	***
hsa-miR-558 - cel-miR-243	0.19577	-0.1842	0.57574	
hsa-miR-96* - cel-miR-243	0.19536	-0.18462	0.57533	
hsa-miR-1251 - cel-miR-243	0.1948	-0.18517	0.57477	
hsa-miR-455-3p - cel-miR-243	0.19182	-0.18816	0.57179	
hsa-miR-361-3p - cel-miR-243	0.18833	-0.19165	0.5683	
hsa-miR-153 - cel-miR-243	0.18789	-0.08844	0.46421	
hsa-miR-522 - cel-miR-243	0.18723	-0.19274	0.5672	
hsa-miR-320a - cel-miR-243	0.18664	-0.19333	0.56661	
hsa-miR-1259 - cel-miR-243	0.18534	-0.19463	0.56531	
hsa-miR-938 - cel-miR-243	0.18527	-0.19471	0.56524	
hsa-miR-1911 - cel-miR-243	0.18464	-0.19533	0.56461	
hsa-miR-1825 - cel-miR-243	0.18134	-0.19864	0.56131	
hsa-miR-1293 - cel-miR-243	0.18039	-0.19958	0.56037	
hsa-miR-18b* - cel-miR-243	0.17774	-0.20223	0.55771	
hsa-miR-1236 - cel-miR-243	0.17733	-0.20264	0.5573	

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits	
hsa-miR-1208 - cel-miR-243	0.17543	-0.20454	0.5554
hsa-miR-372 - cel-miR-243	0.175	-0.20497	0.55497
hsa-miR-20a - cel-miR-243	0.17423	-0.20575	0.5542
hsa-miR-876-5p - cel-miR-243	0.17373	-0.20624	0.55371
hsa-miR-567 - cel-miR-243	0.17284	-0.20713	0.55282
hsa-miR-628-5p - cel-miR-243	0.17156	-0.20841	0.55153
hsa-miR-1275 - cel-miR-243	0.16992	-0.21005	0.5499
hsa-miR-140-3p - cel-miR-243	0.16284	-0.21713	0.54281
hsa-miR-335 - cel-miR-243	0.1626	-0.21737	0.54257
hsa-miR-99b - cel-miR-243	0.16181	-0.21816	0.54178
hsa-miR-1234 - cel-miR-243	0.16057	-0.2194	0.54055
hsa-miR-1228* - cel-miR-243	0.1591	-0.22087	0.53907
hsa-miR-548c-5p - cel-miR-243	0.1584	-0.22157	0.53837
hsa-miR-940 - cel-miR-243	0.15476	-0.22522	0.53473
hsa-miR-574-3p - cel-miR-243	0.15262	-0.22735	0.53259
hsa-miR-491-5p - cel-miR-243	0.15173	-0.22824	0.5317
hsa-miR-199b-5p - cel-miR-243	0.15128	-0.22869	0.53125
hsa-miR-548o - cel-miR-243	0.1497	-0.23027	0.52967
hsa-miR-1976 - cel-miR-243	0.14962	-0.23036	0.52959
hsa-let-7f - cel-miR-243	0.14656	-0.12976	0.42288
hsa-miR-23b* - cel-miR-243	0.14473	-0.23524	0.5247
hsa-miR-1323 - cel-miR-243	0.14221	-0.23776	0.52219
hsa-miR-1238 - cel-miR-243	0.14139	-0.23858	0.52136
hsa-miR-581 - cel-miR-243	0.1392	-0.24077	0.51917
hsa-miR-483-3p - cel-miR-243	0.13851	-0.24146	0.51848
hsa-miR-1285 - cel-miR-243	0.13821	-0.13811	0.41454
hsa-miR-34a* - cel-miR-243	0.13804	-0.24193	0.51801
hsa-miR-192 - cel-miR-243	0.1376	-0.24237	0.51758
hsa-miR-552 - cel-miR-243	0.13729	-0.24268	0.51726
hsa-miR-1207-5p - cel-miR-243	0.13541	-0.24456	0.51538
hsa-miR-1305 - cel-miR-243	0.13481	-0.24516	0.51478
hsa-miR-302e - cel-miR-243	0.13395	-0.24602	0.51392
hsa-miR-18a - cel-miR-243	0.13271	-0.24726	0.51269
hsa-miR-141* - cel-miR-243	0.12955	-0.25043	0.50952
hsa-miR-149 - cel-miR-243	0.1286	-0.25137	0.50858
hsa-miR-504 - cel-miR-243	0.12704	-0.25293	0.50701
hsa-miR-487a - cel-miR-243	0.12127	-0.2587	0.50124
hsa-miR-135a - cel-miR-243	0.11914	-0.15718	0.39546
hsa-miR-1226 - cel-miR-243	0.11756	-0.26241	0.49753
hsa-miR-1286 - cel-miR-243	0.11704	-0.26293	0.49701
hsa-miR-326 - cel-miR-243	0.11305	-0.26692	0.49302
hsa-miR-1233 - cel-miR-243	0.11154	-0.26843	0.49152
hsa-miR-127-5p - cel-miR-243	0.10935	-0.27063	0.48932
hsa-miR-526b* - cel-miR-243	0.10648	-0.27349	0.48646
hsa-miR-27a - cel-miR-243	0.10467	-0.2753	0.48464
hsa-miR-1250 - cel-miR-243	0.10396	-0.27602	0.48393
hsa-miR-877* - cel-miR-243	0.10271	-0.27726	0.48268
hsa-miR-431* - cel-miR-243	0.10182	-0.27815	0.48179
hsa-miR-532-5p - cel-miR-243	0.10084	-0.27913	0.48081
hsa-miR-1228 - cel-miR-243	0.09956	-0.28041	0.47953
hsa-miR-30c - cel-miR-243	0.09398	-0.18234	0.37031
hsa-miR-148a - cel-miR-243	0.08864	-0.29133	0.46861

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits	
hsa-miR-935 - cel-miR-243	0.08778	-0.29219	0.46775
hsa-miR-887 - cel-miR-243	0.08634	-0.29364	0.46631
hsa-miR-449b - cel-miR-243	0.08499	-0.29498	0.46496
hsa-miR-1185 - cel-miR-243	0.08298	-0.19334	0.3593
hsa-miR-543 - cel-miR-243	0.08095	-0.29902	0.46092
hsa-miR-1322 - cel-miR-243	0.08044	-0.29953	0.46041
hsa-miR-544 - cel-miR-243	0.0793	-0.30067	0.45928
hsa-miR-142-5p - cel-miR-243	0.07926	-0.30071	0.45924
hsa-miR-1301 - cel-miR-243	0.07869	-0.30128	0.45866
hsa-miR-10b* - cel-miR-243	0.07869	-0.30128	0.45866
hsa-miR-362-3p - cel-miR-243	0.07866	-0.30131	0.45863
hsa-miR-220b - cel-miR-243	0.07258	-0.30739	0.45255
hsa-miR-1321 - cel-miR-243	0.07177	-0.3082	0.45174
hsa-miR-488 - cel-miR-243	0.06805	-0.31192	0.44802
hsa-miR-193a-3p - cel-miR-243	0.06118	-0.3188	0.44115
hsa-miR-548b-5p - cel-miR-243	0.06062	-0.31935	0.44059
hsa-miR-29b - cel-miR-243	0.05679	-0.21954	0.33311
hsa-miR-152 - cel-miR-243	0.05458	-0.3254	0.43455
hsa-miR-122* - cel-miR-243	0.05447	-0.3255	0.43444
hsa-miR-431 - cel-miR-243	0.05431	-0.32566	0.43428
hsa-miR-95 - cel-miR-243	0.05261	-0.32737	0.43258
hsa-miR-132* - cel-miR-243	0.0508	-0.32917	0.43077
hsa-miR-936 - cel-miR-243	0.0508	-0.32918	0.43077
hsa-miR-1538 - cel-miR-243	0.04917	-0.3308	0.42914
hsa-miR-26b - cel-miR-243	0.04825	-0.33172	0.42822
hsa-miR-2110 - cel-miR-243	0.04722	-0.33275	0.42719
hsa-miR-450a - cel-miR-243	0.04087	-0.23546	0.31719
hsa-miR-509-3-5p - cel-miR-243	0.03994	-0.34003	0.41992
hsa-miR-455-5p - cel-miR-243	0.03994	-0.34003	0.41992
hsa-miR-373* - cel-miR-243	0.03955	-0.34043	0.41952
hsa-miR-324-5p - cel-miR-243	0.03774	-0.34223	0.41771
hsa-miR-373 - cel-miR-243	0.03693	-0.34304	0.41691
hsa-miR-515-5p - cel-miR-243	0.03589	-0.24044	0.31221
hsa-miR-323-5p - cel-miR-243	0.03448	-0.3455	0.41445
hsa-miR-138-1* - cel-miR-243	0.03099	-0.34898	0.41096
hsa-miR-454 - cel-miR-243	0.02911	-0.35087	0.40908
hsa-miR-433 - cel-miR-243	0.02904	-0.35094	0.40901
hsa-miR-449a - cel-miR-243	0.0238	-0.35617	0.40377
hsa-miR-1324 - cel-miR-243	0.0229	-0.35707	0.40287
hsa-miR-133b - cel-miR-243	0.02187	-0.3581	0.40184
hsa-miR-1975 - cel-miR-243	0.02097	-0.359	0.40094
hsa-miR-602 - cel-miR-243	0.02066	-0.35931	0.40063
hsa-miR-339-5p - cel-miR-243	0.02041	-0.35956	0.40038
hsa-let-7f-1* - cel-miR-243	0.02	-0.35997	0.39997
hsa-miR-943 - cel-miR-243	0.0159	-0.36407	0.39587
hsa-miR-1180 - cel-miR-243	0.01163	-0.36834	0.3916
hsa-miR-520d-3p - cel-miR-243	0.01105	-0.36892	0.39103
hsa-miR-944 - cel-miR-243	0.01031	-0.36966	0.39029
hsa-miR-380 - cel-miR-243	0.01027	-0.3697	0.39024
hsa-miR-329 - cel-miR-243	0.00669	-0.26963	0.28302
hsa-miR-199b-3p - cel-miR-243	0.00358	-0.37639	0.38355
hsa-miR-609 - cel-miR-243	0.00219	-0.37778	0.38216

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits	
hsa-miR-548d-3p - cel-miR-243	0.00158	-0.27474	0.2779
hsa-miR-148a* - cel-miR-243	0.00105	-0.37892	0.38103
hsa-miR-382 - cel-miR-243	-0.00366	-0.38363	0.37632
hsa-miR-423-5p - cel-miR-243	-0.00509	-0.38507	0.37488
hsa-miR-1977 - cel-miR-243	-0.00621	-0.38618	0.37376
hsa-miR-1204 - cel-miR-243	-0.01223	-0.3922	0.36774
hsa-miR-146b-3p - cel-miR-243	-0.01499	-0.39497	0.36498
hsa-miR-151-3p - cel-miR-243	-0.01596	-0.39593	0.36401
hsa-miR-105* - cel-miR-243	-0.01728	-0.2936	0.25905
hsa-miR-454* - cel-miR-243	-0.01877	-0.39874	0.36121
hsa-let-7a - cel-miR-243	-0.02221	-0.2539	0.20948
hsa-miR-28-5p - cel-miR-243	-0.02404	-0.40401	0.35593
hsa-miR-183 - cel-miR-243	-0.02467	-0.40464	0.3553
hsa-miR-370 - cel-miR-243	-0.02472	-0.40469	0.35525
hsa-miR-30a* - cel-miR-243	-0.02511	-0.40508	0.35486
hsa-miR-520e - cel-miR-243	-0.02559	-0.40556	0.35439
hsa-miR-424* - cel-miR-243	-0.02565	-0.40563	0.35432
hsa-miR-331-5p - cel-miR-243	-0.02661	-0.40658	0.35336
hsa-miR-1272 - cel-miR-243	-0.02665	-0.40662	0.35332
hsa-miR-425 - cel-miR-243	-0.02736	-0.40733	0.35262
hsa-miR-365* - cel-miR-243	-0.03092	-0.41089	0.34905
hsa-miR-143* - cel-miR-243	-0.0313	-0.41127	0.34868
hsa-miR-452 - cel-miR-243	-0.03517	-0.41514	0.3448
hsa-miR-934 - cel-miR-243	-0.03532	-0.41529	0.34465
hsa-miR-324-3p - cel-miR-243	-0.03579	-0.41576	0.34418
hsa-miR-103-2* - cel-miR-243	-0.03801	-0.41798	0.34196
hsa-miR-135b* - cel-miR-243	-0.04037	-0.42034	0.3396
hsa-miR-33b - cel-miR-243	-0.04792	-0.42789	0.33205
hsa-miR-320b - cel-miR-243	-0.05158	-0.3279	0.22474
hsa-miR-30c-2* - cel-miR-243	-0.05478	-0.43475	0.32519
hsa-miR-888 - cel-miR-243	-0.06101	-0.44099	0.31896
hsa-miR-365 - cel-miR-243	-0.06256	-0.33888	0.21376
hsa-miR-320d - cel-miR-243	-0.06357	-0.33989	0.21275
hsa-miR-15a - cel-miR-243	-0.06622	-0.44619	0.31375
hsa-miR-29c - cel-miR-243	-0.0672	-0.44717	0.31277
hsa-miR-376b - cel-miR-243	-0.06865	-0.44862	0.31132
hsa-miR-628-3p - cel-miR-243	-0.06867	-0.44864	0.3113
hsa-miR-453 - cel-miR-243	-0.07044	-0.45041	0.30953
hsa-miR-186 - cel-miR-243	-0.07186	-0.45183	0.30811
hsa-miR-92b - cel-miR-243	-0.07406	-0.45403	0.30591
hsa-miR-519c-3p - cel-miR-243	-0.07544	-0.45541	0.30453
hsa-miR-219-2-3p - cel-miR-243	-0.07561	-0.45558	0.30436
hsa-miR-137 - cel-miR-243	-0.07601	-0.45598	0.30397
hsa-miR-424 - cel-miR-243	-0.07644	-0.45641	0.30353
hsa-miR-125b-2* - cel-miR-243	-0.07762	-0.45759	0.30235
hsa-miR-511 - cel-miR-243	-0.07813	-0.35445	0.19819
hsa-miR-429 - cel-miR-243	-0.08418	-0.46416	0.29579
hsa-miR-1304 - cel-miR-243	-0.08514	-0.46511	0.29484
hsa-miR-519b-5p - cel-miR-243	-0.08661	-0.46658	0.29336
hsa-miR-196a - cel-miR-243	-0.09571	-0.37204	0.18061
hsa-miR-1978 - cel-miR-243	-0.09668	-0.47665	0.28329
hsa-miR-500 - cel-miR-243	-0.09911	-0.47908	0.28087

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits	
hsa-miR-519d - cel-miR-243	-0.10029	-0.48026	0.27969
hsa-miR-148b - cel-miR-243	-0.10029	-0.48026	0.27968
hsa-let-7c* - cel-miR-243	-0.1024	-0.48237	0.27757
hsa-miR-525-3p - cel-miR-243	-0.1028	-0.48277	0.27717
hsa-miR-449b* - cel-miR-243	-0.10323	-0.4832	0.27674
hsa-miR-421 - cel-miR-243	-0.10491	-0.48488	0.27506
hsa-miR-34b* - cel-miR-243	-0.1066	-0.48657	0.27337
hsa-miR-376a - cel-miR-243	-0.10888	-0.3852	0.16744
hsa-miR-124* - cel-miR-243	-0.11152	-0.3432	0.12017
hsa-miR-184 - cel-miR-243	-0.1143	-0.49428	0.26567
hsa-miR-1269 - cel-miR-243	-0.11685	-0.49682	0.26312
hsa-miR-106a* - cel-miR-243	-0.12115	-0.50113	0.25882
hsa-miR-145 - cel-miR-243	-0.12387	-0.50384	0.25611
hsa-miR-513b - cel-miR-243	-0.12462	-0.50459	0.25535
hsa-miR-1256 - cel-miR-243	-0.12928	-0.50925	0.25069
hsa-miR-31 - cel-miR-243	-0.13149	-0.51146	0.24848
hsa-miR-125b - cel-miR-243	-0.13414	-0.41046	0.14219
hsa-miR-520g - cel-miR-243	-0.13436	-0.51433	0.24561
hsa-miR-448 - cel-miR-243	-0.13521	-0.51518	0.24476
hsa-miR-338-5p - cel-miR-243	-0.13525	-0.51522	0.24472
hsa-miR-301a - cel-miR-243	-0.1378	-0.51777	0.24217
hsa-miR-103-as - cel-miR-243	-0.1381	-0.41442	0.13822
hsa-miR-450b-3p - cel-miR-243	-0.1398	-0.51977	0.24017
hsa-miR-34b - cel-miR-243	-0.14104	-0.52101	0.23893
hsa-miR-320c - cel-miR-243	-0.14344	-0.41976	0.13288
hsa-miR-486-5p - cel-miR-243	-0.14471	-0.52469	0.23526
hsa-miR-432 - cel-miR-243	-0.14653	-0.5265	0.23344
hsa-miR-149* - cel-miR-243	-0.14709	-0.52706	0.23288
hsa-miR-302a - cel-miR-243	-0.15065	-0.53062	0.22932
hsa-let-7g* - cel-miR-243	-0.15348	-0.53345	0.22649
hsa-miR-338-3p - cel-miR-243	-0.15671	-0.53668	0.22326
hsa-miR-330-3p - cel-miR-243	-0.15741	-0.53739	0.22256
hsa-miR-148b* - cel-miR-243	-0.15896	-0.53893	0.22101
hsa-miR-33b* - cel-miR-243	-0.16288	-0.54285	0.21709
hsa-miR-1308 - cel-miR-243	-0.16294	-0.54291	0.21704
hsa-miR-376a* - cel-miR-243	-0.1655	-0.54547	0.21448
hsa-miR-384 - cel-miR-243	-0.16668	-0.54665	0.21329
hsa-miR-302c* - cel-miR-243	-0.16806	-0.54803	0.21191
hsa-miR-34c-5p - cel-miR-243	-0.16981	-0.54979	0.21016
hsa-miR-532-3p - cel-miR-243	-0.17004	-0.55001	0.20993
hsa-miR-141 - cel-miR-243	-0.17071	-0.55068	0.20927
hsa-miR-409-3p - cel-miR-243	-0.17118	-0.55115	0.20879
hsa-miR-423-3p - cel-miR-243	-0.17267	-0.55264	0.2073
hsa-miR-135b - cel-miR-243	-0.17518	-0.55515	0.20479
hsa-miR-378 - cel-miR-243	-0.17751	-0.55748	0.20246
hsa-miR-610 - cel-miR-243	-0.17816	-0.55813	0.20181
hsa-miR-374a - cel-miR-243	-0.17904	-0.55901	0.20093
hsa-miR-516b - cel-miR-243	-0.18062	-0.45695	0.0957
hsa-miR-1281 - cel-miR-243	-0.18151	-0.56148	0.19846
hsa-miR-769-3p - cel-miR-243	-0.18155	-0.56152	0.19842
hsa-miR-371-3p - cel-miR-243	-0.18326	-0.56323	0.19671
hsa-miR-302b* - cel-miR-243	-0.18423	-0.5642	0.19574

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-1261 - cel-miR-243	-0.18875	-0.56872	0.19122	
hsa-miR-625* - cel-miR-243	-0.18902	-0.569	0.19095	
hsa-miR-545 - cel-miR-243	-0.18981	-0.56978	0.19016	
hsa-miR-30d - cel-miR-243	-0.19256	-0.57253	0.18741	
hsa-miR-340* - cel-miR-243	-0.19858	-0.57855	0.18139	
hsa-miR-29b-2* - cel-miR-243	-0.19876	-0.57873	0.18121	
hsa-miR-383 - cel-miR-243	-0.20153	-0.5815	0.17844	
hsa-miR-10a* - cel-miR-243	-0.20577	-0.58574	0.1742	
hsa-miR-30e - cel-miR-243	-0.20647	-0.58644	0.1735	
hsa-miR-375 - cel-miR-243	-0.21068	-0.59065	0.16929	
hsa-miR-105 - cel-miR-243	-0.21199	-0.48831	0.06433	
hsa-miR-518e* - cel-miR-243	-0.21357	-0.59355	0.1664	
hsa-miR-1243 - cel-miR-243	-0.21538	-0.59535	0.16459	
hsa-miR-1255a - cel-miR-243	-0.21642	-0.59639	0.16355	
hsa-miR-30e* - cel-miR-243	-0.22022	-0.60019	0.15975	
hsa-miR-296-5p - cel-miR-243	-0.22149	-0.60146	0.15848	
hsa-miR-155* - cel-miR-243	-0.22197	-0.60195	0.158	
hsa-miR-422a - cel-miR-243	-0.22787	-0.60785	0.1521	
hsa-miR-367 - cel-miR-243	-0.23159	-0.61156	0.14838	
hsa-miR-29a - cel-miR-243	-0.23309	-0.61306	0.14688	
hsa-miR-432* - cel-miR-243	-0.23408	-0.61405	0.14589	
hsa-miR-653 - cel-miR-243	-0.23636	-0.61633	0.14361	
hsa-let-7b* - cel-miR-243	-0.23672	-0.61669	0.14326	
hsa-miR-1291 - cel-miR-243	-0.23701	-0.61698	0.14297	
hsa-miR-1279 - cel-miR-243	-0.23701	-0.61699	0.14296	
hsa-miR-101* - cel-miR-243	-0.23833	-0.6183	0.14164	
hsa-miR-425* - cel-miR-243	-0.23954	-0.61951	0.14043	
hsa-miR-381 - cel-miR-243	-0.2401	-0.62008	0.13987	
hsa-miR-220c - cel-miR-243	-0.24047	-0.62044	0.1395	
hsa-miR-10a - cel-miR-243	-0.24151	-0.62148	0.13846	
hsa-miR-362-5p - cel-miR-243	-0.24166	-0.62163	0.13831	
hsa-miR-29c* - cel-miR-243	-0.24315	-0.62313	0.13682	
hsa-let-7g - cel-miR-243	-0.24504	-0.62501	0.13493	
hsa-miR-30d* - cel-miR-243	-0.24772	-0.62769	0.13225	
hsa-miR-1247 - cel-miR-243	-0.24798	-0.62796	0.13199	
hsa-miR-369-5p - cel-miR-243	-0.24906	-0.62904	0.13091	
hsa-miR-409-5p - cel-miR-243	-0.24986	-0.62983	0.13011	
hsa-miR-136 - cel-miR-243	-0.25015	-0.63012	0.12982	
hsa-miR-130b* - cel-miR-243	-0.25097	-0.63094	0.129	
hsa-miR-1257 - cel-miR-243	-0.25157	-0.63154	0.1284	
hsa-miR-134 - cel-miR-243	-0.25325	-0.63322	0.12672	
hsa-miR-1182 - cel-miR-243	-0.2552	-0.63517	0.12477	
hsa-miR-1252 - cel-miR-243	-0.26017	-0.64015	0.1198	
hsa-miR-132 - cel-miR-243	-0.26068	-0.64065	0.11929	
hsa-miR-885-5p - cel-miR-243	-0.26144	-0.64141	0.11853	
hsa-miR-337-5p - cel-miR-243	-0.26486	-0.64483	0.11512	
hsa-miR-493 - cel-miR-243	-0.26505	-0.64502	0.11492	
hsa-miR-1260 - cel-miR-243	-0.26507	-0.64504	0.11491	
hsa-miR-1271 - cel-miR-243	-0.27391	-0.65389	0.10606	
hsa-miR-374a* - cel-miR-243	-0.27472	-0.65469	0.10525	
hsa-miR-199a-3p - cel-miR-243	-0.27754	-0.55387	-0.00122	***
hsa-miR-330-5p - cel-miR-243	-0.28057	-0.66054	0.0994	

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-193a-5p - cel-miR-243	-0.28115	-0.66112	0.09882	
hsa-miR-521 - cel-miR-243	-0.28416	-0.56049	-0.00784	***
hsa-miR-1306 - cel-miR-243	-0.2851	-0.66507	0.09487	
hsa-miR-550 - cel-miR-243	-0.28566	-0.56199	-0.00934	***
hsa-miR-920 - cel-miR-243	-0.28988	-0.66985	0.09009	
hsa-miR-186* - cel-miR-243	-0.29082	-0.67079	0.08916	
hsa-miR-193b - cel-miR-243	-0.29157	-0.67155	0.0884	
hsa-miR-377 - cel-miR-243	-0.2956	-0.67557	0.08437	
hsa-miR-25 - cel-miR-243	-0.30064	-0.68061	0.07933	
hsa-miR-1 - cel-miR-243	-0.30131	-0.57763	-0.02499	***
hsa-miR-23a - cel-miR-243	-0.30144	-0.68141	0.07853	
hsa-let-7e - cel-miR-243	-0.30227	-0.68224	0.0777	
hsa-miR-144* - cel-miR-243	-0.30297	-0.68294	0.077	
hsa-miR-337-3p - cel-miR-243	-0.30448	-0.68445	0.07549	
hsa-miR-300 - cel-miR-243	-0.30482	-0.6848	0.07515	
hsa-miR-527 - cel-miR-243	-0.30531	-0.68528	0.07466	
hsa-miR-196b - cel-miR-243	-0.3063	-0.68627	0.07367	
hsa-miR-340 - cel-miR-243	-0.30716	-0.68713	0.07281	
hsa-miR-369-3p - cel-miR-243	-0.30729	-0.68726	0.07268	
hsa-miR-140-5p - cel-miR-243	-0.3074	-0.68737	0.07257	
hsa-miR-106a - cel-miR-243	-0.30767	-0.68764	0.0723	
hsa-miR-363* - cel-miR-243	-0.30905	-0.68902	0.07092	
hsa-miR-195 - cel-miR-243	-0.31164	-0.69161	0.06833	
hsa-miR-30b* - cel-miR-243	-0.31246	-0.69243	0.06751	
hsa-miR-145* - cel-miR-243	-0.31347	-0.69344	0.0665	
hsa-miR-380* - cel-miR-243	-0.31372	-0.69369	0.06625	
hsa-miR-101 - cel-miR-243	-0.31769	-0.59401	-0.04136	***
hsa-miR-566 - cel-miR-243	-0.32088	-0.70085	0.05909	
hsa-miR-376c - cel-miR-243	-0.32161	-0.70158	0.05837	
hsa-miR-542-3p - cel-miR-243	-0.32166	-0.70163	0.05832	
hsa-miR-624* - cel-miR-243	-0.32181	-0.70178	0.05816	
hsa-miR-217 - cel-miR-243	-0.32252	-0.70249	0.05745	
hsa-miR-1972 - cel-miR-243	-0.32317	-0.70314	0.0568	
hsa-miR-1246 - cel-miR-243	-0.32453	-0.7045	0.05544	
hsa-miR-342-5p - cel-miR-243	-0.32527	-0.70524	0.0547	
hsa-miR-328 - cel-miR-243	-0.32567	-0.70564	0.05431	
hsa-miR-30a - cel-miR-243	-0.32721	-0.70719	0.05276	
hsa-miR-379 - cel-miR-243	-0.3313	-0.71127	0.04867	
hsa-miR-548b-3p - cel-miR-243	-0.33204	-0.71201	0.04793	
hsa-miR-539 - cel-miR-243	-0.33403	-0.714	0.04594	
hsa-miR-379* - cel-miR-243	-0.33442	-0.7144	0.04555	
hsa-miR-302b - cel-miR-243	-0.33596	-0.71593	0.04401	
hsa-miR-371-5p - cel-miR-243	-0.33941	-0.71938	0.04056	
hsa-miR-675* - cel-miR-243	-0.3406	-0.72057	0.03937	
hsa-miR-34c-3p - cel-miR-243	-0.34222	-0.72219	0.03775	
hsa-miR-520d-5p - cel-miR-243	-0.34415	-0.72412	0.03582	
hsa-miR-519e* - cel-miR-243	-0.34949	-0.72946	0.03049	
hsa-miR-130a* - cel-miR-243	-0.34949	-0.72946	0.03048	
hsa-miR-302c - cel-miR-243	-0.35434	-0.73431	0.02563	
hsa-miR-1297 - cel-miR-243	-0.35454	-0.73451	0.02543	
hsa-miR-30b - cel-miR-243	-0.35877	-0.73874	0.0212	
hsa-miR-129-5p - cel-miR-243	-0.36332	-0.63964	-0.08699	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-199a-5p - cel-miR-243	-0.36384	-0.64017	-0.08752	***
hsa-miR-708* - cel-miR-243	-0.36509	-0.74506	0.01488	
hsa-miR-302d* - cel-miR-243	-0.3665	-0.74647	0.01347	
hsa-miR-1181 - cel-miR-243	-0.36814	-0.74811	0.01183	
hsa-miR-195* - cel-miR-243	-0.37109	-0.75106	0.00888	
hsa-miR-144 - cel-miR-243	-0.37306	-0.75303	0.00691	
hsa-miR-518d-5p - cel-miR-243	-0.37332	-0.75329	0.00665	
hsa-miR-299-5p - cel-miR-243	-0.37427	-0.75424	0.0057	
hsa-miR-515-3p - cel-miR-243	-0.37474	-0.65106	-0.09841	***
hsa-miR-28-3p - cel-miR-243	-0.37483	-0.7548	0.00514	
hsa-miR-1249 - cel-miR-243	-0.38608	-0.76605	-0.00611	***
hsa-miR-29a* - cel-miR-243	-0.38786	-0.76783	-0.00789	***
hsa-miR-133a - cel-miR-243	-0.39181	-0.66814	-0.11549	***
hsa-miR-299-3p - cel-miR-243	-0.39612	-0.77609	-0.01614	***
hsa-miR-298 - cel-miR-243	-0.39786	-0.77783	-0.01788	***
hsa-miR-221* - cel-miR-243	-0.39998	-0.77995	-0.02	***
hsa-miR-124 - cel-miR-243	-0.40906	-0.64075	-0.17737	***
hsa-miR-1268 - cel-miR-243	-0.41294	-0.79291	-0.03297	***
hsa-miR-1278 - cel-miR-243	-0.41599	-0.79596	-0.03602	***
hsa-miR-1264 - cel-miR-243	-0.41929	-0.79926	-0.03932	***
hsa-miR-1307 - cel-miR-243	-0.41995	-0.79992	-0.03998	***
hsa-miR-1292 - cel-miR-243	-0.42012	-0.80009	-0.04015	***
hsa-miR-744* - cel-miR-243	-0.42239	-0.80237	-0.04242	***
hsa-miR-196a* - cel-miR-243	-0.42318	-0.80315	-0.04321	***
hsa-miR-302f - cel-miR-243	-0.42644	-0.80641	-0.04647	***
hsa-miR-1911* - cel-miR-243	-0.42792	-0.80789	-0.04795	***
hsa-miR-378* - cel-miR-243	-0.43181	-0.81178	-0.05184	***
hsa-let-7f-2* - cel-miR-243	-0.43465	-0.81463	-0.05468	***
hsa-miR-363 - cel-miR-243	-0.43624	-0.81621	-0.05627	***
hsa-miR-221 - cel-miR-243	-0.43747	-0.81744	-0.0575	***
hsa-miR-1289 - cel-miR-243	-0.45	-0.72632	-0.17368	***
hsa-miR-26a-1* - cel-miR-243	-0.45083	-0.8308	-0.07086	***
hsa-miR-146b-5p - cel-miR-243	-0.45298	-0.83295	-0.07301	***
hsa-miR-27b* - cel-miR-243	-0.45415	-0.83412	-0.07417	***
hsa-miR-1973 - cel-miR-243	-0.46045	-0.84042	-0.08048	***
hsa-miR-374b* - cel-miR-243	-0.46055	-0.84052	-0.08058	***
hsa-miR-29b-1* - cel-miR-243	-0.46179	-0.84176	-0.08181	***
hsa-miR-1979 - cel-miR-243	-0.47252	-0.85249	-0.09255	***
hsa-miR-147 - cel-miR-243	-0.47318	-0.85316	-0.09321	***
hsa-miR-1296 - cel-miR-243	-0.47534	-0.85531	-0.09537	***
hsa-miR-668 - cel-miR-243	-0.47629	-0.85626	-0.09631	***
hsa-miR-519e - cel-miR-243	-0.47795	-0.85792	-0.09798	***
hsa-miR-377* - cel-miR-243	-0.48879	-0.86877	-0.10882	***
hsa-miR-92a-1* - cel-miR-243	-0.49591	-0.87588	-0.11594	***
hsa-miR-1262 - cel-miR-243	-0.49863	-0.8786	-0.11866	***
hsa-miR-1299 - cel-miR-243	-0.50406	-0.88403	-0.12409	***
hsa-miR-802 - cel-miR-243	-0.51157	-0.89154	-0.13159	***
hsa-miR-374b - cel-miR-243	-0.51221	-0.89218	-0.13224	***
hsa-miR-1295 - cel-miR-243	-0.51415	-0.89413	-0.13418	***
hsa-miR-494 - cel-miR-243	-0.52404	-0.90401	-0.14407	***
hsa-miR-27b - cel-miR-243	-0.52718	-0.90715	-0.14721	***
hsa-miR-136* - cel-miR-243	-0.52909	-0.90906	-0.14912	***



miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-518d-3p - cel-miR-243	-0.532	-0.91197	-0.15202	***
hsa-miR-1265 - cel-miR-243	-0.53532	-0.9153	-0.15535	***
hsa-miR-520c-3p - cel-miR-243	-0.53935	-0.91932	-0.15938	***
hsa-miR-1274a - cel-miR-243	-0.53961	-0.91958	-0.15964	***
hsa-miR-545* - cel-miR-243	-0.54109	-0.92106	-0.16112	***
hsa-miR-142-3p - cel-miR-243	-0.54679	-0.92676	-0.16682	***
hsa-miR-92a-2* - cel-miR-243	-0.55181	-0.93179	-0.17184	***
hsa-miR-128 - cel-miR-243	-0.55653	-0.83285	-0.28021	***
hsa-miR-26b* - cel-miR-243	-0.56119	-0.94116	-0.18122	***
hsa-miR-1266 - cel-miR-243	-0.56612	-0.94609	-0.18615	***
hsa-miR-18b - cel-miR-243	-0.56761	-0.94758	-0.18764	***
hsa-miR-1258 - cel-miR-243	-0.57595	-0.95593	-0.19598	***
hsa-miR-1255b - cel-miR-243	-0.58475	-0.86107	-0.30843	***
hsa-miR-1303 - cel-miR-243	-0.59918	-0.97915	-0.21921	***
hsa-miR-126* - cel-miR-243	-0.60876	-0.98873	-0.22879	***
hsa-miR-187 - cel-miR-243	-0.6105	-0.99047	-0.23053	***
hsa-miR-15a* - cel-miR-243	-0.61403	-0.99401	-0.23406	***
hsa-miR-1283 - cel-miR-243	-0.61686	-0.89318	-0.34053	***
hsa-miR-1287 - cel-miR-243	-0.61854	-0.99851	-0.23856	***
hsa-miR-1300 - cel-miR-243	-0.62784	-1.00781	-0.24787	***
hsa-miR-183* - cel-miR-243	-0.63324	-1.01321	-0.25326	***
hsa-miR-197 - cel-miR-243	-0.635	-1.01497	-0.25502	***
hsa-miR-106b - cel-miR-243	-0.63524	-1.01521	-0.25526	***
hsa-miR-1298 - cel-miR-243	-0.63532	-1.01529	-0.25534	***
hsa-miR-574-5p - cel-miR-243	-0.6362	-1.01617	-0.25622	***
hsa-miR-125b-1* - cel-miR-243	-0.64139	-1.02137	-0.26142	***
hsa-miR-126 - cel-miR-243	-0.65013	-1.0301	-0.27015	***
hsa-miR-1277 - cel-miR-243	-0.66324	-1.04321	-0.28326	***
hsa-miR-194* - cel-miR-243	-0.66673	-1.0467	-0.28676	***
hsa-miR-1912 - cel-miR-243	-0.67045	-1.05042	-0.29048	***
hsa-miR-1270 - cel-miR-243	-0.6726	-1.05257	-0.29262	***
hsa-miR-17* - cel-miR-243	-0.67625	-1.05622	-0.29627	***
hsa-miR-1908 - cel-miR-243	-0.67697	-1.05694	-0.297	***
hsa-miR-1254 - cel-miR-243	-0.68853	-1.0685	-0.30856	***
hsa-miR-181c* - cel-miR-243	-0.69025	-1.07022	-0.31027	***
hsa-miR-1288 - cel-miR-243	-0.69052	-1.07049	-0.31054	***
hsa-miR-654-3p - cel-miR-243	-0.69701	-1.07698	-0.31704	***
hsa-miR-1909* - cel-miR-243	-0.70013	-1.0801	-0.32016	***
hsa-miR-1290 - cel-miR-243	-0.7075	-1.08747	-0.32753	***
hsa-miR-129-3p - cel-miR-243	-0.71438	-1.09435	-0.3344	***
hsa-miR-125a-5p - cel-miR-243	-0.7174	-1.09737	-0.33743	***
hsa-miR-92b* - cel-miR-243	-0.73703	-1.117	-0.35706	***
hsa-miR-1276 - cel-miR-243	-0.74091	-1.12089	-0.36094	***
hsa-miR-188-5p - cel-miR-243	-0.74776	-1.12773	-0.36778	***
hsa-miR-301b - cel-miR-243	-0.75754	-1.13751	-0.37757	***
hsa-miR-139-5p - cel-miR-243	-0.76758	-1.14755	-0.38761	***
hsa-miR-129* - cel-miR-243	-0.77213	-1.15211	-0.39216	***
hsa-miR-125a-3p - cel-miR-243	-0.81255	-1.19252	-0.43258	***
hsa-miR-194 - cel-miR-243	-0.82678	-1.1031	-0.55046	***
hsa-miR-127-3p - cel-miR-243	-0.84504	-1.22501	-0.46507	***
hsa-miR-196b* - cel-miR-243	-0.88194	-1.26191	-0.50197	***
hsa-miR-523 - cel-miR-243	-0.89	-1.26997	-0.51003	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-660 - cel-miR-243	-0.89769	-1.27767	-0.51772	***
hsa-miR-1248 - cel-miR-243	-0.89838	-1.27835	-0.51841	***
hsa-miR-198 - cel-miR-243	-0.90694	-1.28692	-0.52697	***
hsa-miR-192* - cel-miR-243	-0.91787	-1.29784	-0.5379	***
hsa-miR-659 - cel-miR-243	-0.92156	-1.30153	-0.54159	***
hsa-miR-331-3p - cel-miR-243	-1.00843	-1.3884	-0.62846	***
hsa-miR-31* - cel-miR-243	-1.02517	-1.40514	-0.64519	***
hsa-miR-193b* - cel-miR-243	-1.05052	-1.43049	-0.67055	***
hsa-miR-187* - cel-miR-243	-1.076	-1.45597	-0.69603	***
hsa-miR-302d - cel-miR-243	-1.08544	-1.46541	-0.70547	***
hsa-miR-211 - cel-miR-243	-1.10715	-1.48712	-0.72718	***
hsa-miR-549 - cel-miR-243	-1.11725	-1.49722	-0.73728	***
hsa-miR-342-3p - cel-miR-243	-1.13354	-1.51351	-0.75357	***
hsa-miR-624 - cel-miR-243	-1.15976	-1.53973	-0.77979	***
hsa-miR-339-3p - cel-miR-243	-1.51124	-1.89121	-1.13127	***
hsa-miR-30c-1* - cel-miR-243	-1.51997	-1.89994	-1.14	***
hsa-miR-325 - cel-miR-243	-1.91813	-2.2981	-1.53815	***

**Supplemental Table 2C: Effects of 988 mimics on the invasive capacity of A375 melanoma cells in comparison to ath-miR-416.**

Same as Table S1B, but using ath-miR-416 as control.

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	882	901.26815	1.021846	40.54	<.0001
Error	2121	53.466482	0.0252081		
Corrected Total	3003	954.73464			

Comparisons significant at the 0.05 level are indicated by ***				
miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-576-5p - ath-miR-416	2.02265	1.64264	2.40265	***
hsa-miR-554 - ath-miR-416	1.96262	1.58262	2.34263	***
hsa-miR-483-5p - ath-miR-416	1.92353	1.54352	2.30353	***
hsa-miR-559 - ath-miR-416	1.89355	1.51355	2.27356	***
hsa-miR-206 - ath-miR-416	1.8766	1.4966	2.25661	***
hsa-miR-2054 - ath-miR-416	1.71039	1.33038	2.09039	***
hsa-miR-578 - ath-miR-416	1.70273	1.32272	2.08273	***
hsa-miR-575 - ath-miR-416	1.67936	1.29936	2.05937	***
hsa-miR-202 - ath-miR-416	1.65544	1.27544	2.03544	***
hsa-miR-1200 - ath-miR-416	1.64492	1.26491	2.02492	***
hsa-miR-200b - ath-miR-416	1.63811	1.2581	2.01811	***
hsa-miR-20b - ath-miR-416	1.62736	1.24736	2.00737	***
hsa-miR-507 - ath-miR-416	1.61835	1.23835	1.99836	***
hsa-miR-595 - ath-miR-416	1.60767	1.22767	1.98768	***
hsa-miR-2052 - ath-miR-416	1.58209	1.20209	1.9621	***
hsa-miR-611 - ath-miR-416	1.57142	1.19142	1.95142	***
hsa-miR-205* - ath-miR-416	1.5593	1.1793	1.93931	***
hsa-miR-202* - ath-miR-416	1.517	1.137	1.897	***
hsa-miR-21 - ath-miR-416	1.50441	1.12441	1.88441	***
hsa-miR-518b - ath-miR-416	1.49243	1.11243	1.87243	***
hsa-miR-498 - ath-miR-416	1.49124	1.11123	1.87124	***
hsa-miR-661 - ath-miR-416	1.48711	1.1071	1.86711	***
hsa-miR-632 - ath-miR-416	1.48527	1.10527	1.86528	***
hsa-miR-640 - ath-miR-416	1.48267	1.10266	1.86267	***
hsa-miR-2053 - ath-miR-416	1.47122	1.09122	1.85123	***
hsa-miR-200c* - ath-miR-416	1.4606	1.0806	1.84061	***
hsa-miR-200c - ath-miR-416	1.45821	1.0782	1.83821	***
hsa-miR-154* - ath-miR-416	1.41358	1.03357	1.79358	***
hsa-miR-200a* - ath-miR-416	1.40833	1.02832	1.78833	***
hsa-miR-222 - ath-miR-416	1.39622	1.01622	1.77622	***
hsa-miR-647 - ath-miR-416	1.36972	0.98972	1.74973	***
hsa-miR-874 - ath-miR-416	1.35309	0.97308	1.73309	***
hsa-miR-766 - ath-miR-416	1.34308	0.96307	1.72308	***
hsa-miR-518a-3p - ath-miR-416	1.33359	1.05724	1.60994	***
hsa-miR-19b - ath-miR-416	1.32052	1.04418	1.59687	***
hsa-miR-548m - ath-miR-416	1.27685	0.89685	1.65686	***
hsa-miR-21* - ath-miR-416	1.27435	0.89435	1.65436	***
hsa-miR-210 - ath-miR-416	1.25752	0.87751	1.63752	***
hsa-miR-203 - ath-miR-416	1.24849	0.86849	1.6285	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-501-5p - ath-miR-416	1.24571	0.8657	1.62571	***
hsa-miR-19b-1* - ath-miR-416	1.22819	0.84818	1.60819	***
hsa-miR-599 - ath-miR-416	1.20229	0.82228	1.58229	***
hsa-miR-490-3p - ath-miR-416	1.19039	0.81039	1.57039	***
hsa-miR-635 - ath-miR-416	1.18734	0.80734	1.56735	***
hsa-miR-491-3p - ath-miR-416	1.16081	0.78081	1.54081	***
hsa-miR-181a* - ath-miR-416	1.15408	0.77407	1.53408	***
hsa-miR-548j - ath-miR-416	1.14621	0.76621	1.52622	***
hsa-miR-886-5p - ath-miR-416	1.13458	0.75458	1.51458	***
hsa-miR-501-3p - ath-miR-416	1.11942	0.73942	1.49942	***
hsa-miR-505* - ath-miR-416	1.09855	0.71854	1.47855	***
hsa-miR-562 - ath-miR-416	1.08037	0.70037	1.46037	***
hsa-miR-873 - ath-miR-416	1.07505	0.69504	1.45505	***
hsa-miR-654-5p - ath-miR-416	1.06708	0.68707	1.44708	***
hsa-miR-212 - ath-miR-416	1.06101	0.68101	1.44102	***
hsa-miR-556-5p - ath-miR-416	1.05386	0.67386	1.43387	***
hsa-miR-499-5p - ath-miR-416	1.05104	0.67104	1.43104	***
hsa-miR-650 - ath-miR-416	1.04847	0.66846	1.42847	***
hsa-miR-20b* - ath-miR-416	1.03975	0.65974	1.41975	***
hsa-miR-214* - ath-miR-416	1.02759	0.64759	1.4076	***
hsa-miR-648 - ath-miR-416	1.02483	0.64482	1.40483	***
hsa-miR-675 - ath-miR-416	1.02056	0.64056	1.40057	***
hsa-miR-656 - ath-miR-416	1.01182	0.63182	1.39183	***
hsa-miR-767-5p - ath-miR-416	0.9889	0.6089	1.36891	***
hsa-miR-519a* - ath-miR-416	0.98563	0.60563	1.36563	***
hsa-miR-585 - ath-miR-416	0.98563	0.60562	1.36563	***
hsa-miR-517a - ath-miR-416	0.9786	0.5986	1.35861	***
hsa-miR-637 - ath-miR-416	0.97533	0.59533	1.35533	***
hsa-miR-564 - ath-miR-416	0.96884	0.58883	1.34884	***
hsa-miR-885-3p - ath-miR-416	0.96867	0.58867	1.34868	***
hsa-miR-493* - ath-miR-416	0.96009	0.58009	1.34009	***
hsa-miR-561 - ath-miR-416	0.95376	0.57376	1.33377	***
hsa-miR-200b* - ath-miR-416	0.94839	0.56839	1.3284	***
hsa-miR-223* - ath-miR-416	0.9451	0.5651	1.3251	***
hsa-miR-604 - ath-miR-416	0.94453	0.56453	1.32454	***
hsa-miR-591 - ath-miR-416	0.92956	0.54956	1.30957	***
hsa-miR-15b* - ath-miR-416	0.92805	0.54804	1.30805	***
hsa-miR-622 - ath-miR-416	0.92722	0.54721	1.30722	***
hsa-miR-877 - ath-miR-416	0.92623	0.54622	1.30623	***
hsa-miR-646 - ath-miR-416	0.92583	0.54582	1.30583	***
hsa-miR-553 - ath-miR-416	0.92575	0.54575	1.30575	***
hsa-miR-645 - ath-miR-416	0.92513	0.54513	1.30514	***
hsa-miR-502-5p - ath-miR-416	0.9154	0.5354	1.2954	***
hsa-miR-891a - ath-miR-416	0.9136	0.53359	1.2936	***
hsa-miR-643 - ath-miR-416	0.90461	0.52461	1.28462	***
hsa-miR-19a - ath-miR-416	0.90191	0.52191	1.28191	***
hsa-miR-219-1-3p - ath-miR-416	0.90153	0.52152	1.28153	***
hsa-miR-1282 - ath-miR-416	0.89574	0.51574	1.27574	***
hsa-miR-518c* - ath-miR-416	0.88343	0.50343	1.26343	***
hsa-miR-147b - ath-miR-416	0.87375	0.49375	1.25376	***
hsa-miR-513c - ath-miR-416	0.87231	0.49231	1.25232	***
hsa-miR-208a - ath-miR-416	0.87033	0.49033	1.25034	***
hsa-miR-720 - ath-miR-416	0.86559	0.48559	1.2456	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-208b - ath-miR-416	0.85512	0.47512	1.23513	***
hsa-miR-875-5p - ath-miR-416	0.84896	0.46896	1.22897	***
hsa-miR-663b - ath-miR-416	0.84047	0.46047	1.22047	***
hsa-miR-16-2* - ath-miR-416	0.83648	0.45647	1.21648	***
hsa-miR-633 - ath-miR-416	0.81946	0.43946	1.19946	***
hsa-miR-636 - ath-miR-416	0.80698	0.42698	1.18698	***
hsa-miR-517* - ath-miR-416	0.79888	0.56717	1.03058	***
hsa-miR-890 - ath-miR-416	0.79448	0.41448	1.17448	***
hsa-miR-555 - ath-miR-416	0.79182	0.41182	1.17183	***
hsa-miR-496 - ath-miR-416	0.78752	0.40752	1.16753	***
hsa-miR-583 - ath-miR-416	0.78387	0.40386	1.16387	***
hsa-miR-651 - ath-miR-416	0.78286	0.40286	1.16286	***
hsa-miR-617 - ath-miR-416	0.78135	0.40134	1.16135	***
hsa-miR-569 - ath-miR-416	0.77967	0.39967	1.15968	***
hsa-miR-548i - ath-miR-416	0.77683	0.57104	0.98262	***
hsa-miR-589* - ath-miR-416	0.77324	0.39323	1.15324	***
hsa-miR-523* - ath-miR-416	0.77182	0.39182	1.15183	***
hsa-miR-606 - ath-miR-416	0.77087	0.39087	1.15087	***
hsa-miR-219-5p - ath-miR-416	0.76504	0.48869	1.04138	***
hsa-miR-612 - ath-miR-416	0.75986	0.37986	1.13987	***
hsa-miR-518e - ath-miR-416	0.75803	0.37803	1.13804	***
hsa-miR-18a* - ath-miR-416	0.75655	0.37655	1.13655	***
hsa-miR-497 - ath-miR-416	0.75121	0.37121	1.13122	***
hsa-miR-639 - ath-miR-416	0.75107	0.37107	1.13107	***
hsa-miR-760 - ath-miR-416	0.74085	0.36084	1.12085	***
hsa-miR-216a - ath-miR-416	0.73465	0.35464	1.11465	***
hsa-miR-548l - ath-miR-416	0.7312	0.3512	1.1112	***
hsa-miR-24-2* - ath-miR-416	0.72821	0.34821	1.10821	***
hsa-miR-509-3p - ath-miR-416	0.7255	0.49379	0.9572	***
hsa-miR-655 - ath-miR-416	0.72298	0.34298	1.10299	***
hsa-miR-642 - ath-miR-416	0.71074	0.33073	1.09074	***
hsa-miR-489 - ath-miR-416	0.70604	0.32604	1.08605	***
hsa-miR-1537 - ath-miR-416	0.70571	0.3257	1.08571	***
hsa-miR-497* - ath-miR-416	0.69697	0.31697	1.07697	***
hsa-miR-607 - ath-miR-416	0.69668	0.31668	1.07669	***
hsa-miR-886-3p - ath-miR-416	0.69502	0.31502	1.07503	***
hsa-miR-490-5p - ath-miR-416	0.69471	0.31471	1.07472	***
hsa-miR-22* - ath-miR-416	0.69404	0.31403	1.07404	***
hsa-miR-191 - ath-miR-416	0.69221	0.31221	1.07222	***
hsa-miR-1202 - ath-miR-416	0.69096	0.31095	1.07096	***
hsa-miR-218-1* - ath-miR-416	0.68426	0.30426	1.06426	***
hsa-miR-769-5p - ath-miR-416	0.68313	0.30313	1.06314	***
hsa-miR-138-2* - ath-miR-416	0.67856	0.29856	1.05857	***
hsa-miR-222* - ath-miR-416	0.67824	0.29824	1.05825	***
hsa-miR-518c - ath-miR-416	0.67759	0.29759	1.0576	***
hsa-miR-16 - ath-miR-416	0.67449	0.39814	0.95083	***
hsa-miR-410 - ath-miR-416	0.67227	0.29227	1.05227	***
hsa-miR-1197 - ath-miR-416	0.67107	0.29107	1.05107	***
hsa-miR-644 - ath-miR-416	0.66985	0.28985	1.04985	***
hsa-miR-551b* - ath-miR-416	0.66911	0.2891	1.04911	***
hsa-miR-185 - ath-miR-416	0.66831	0.2883	1.04831	***
hsa-miR-634 - ath-miR-416	0.66263	0.28263	1.04263	***
hsa-miR-1224-5p - ath-miR-416	0.66177	0.28177	1.04178	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-548n - ath-miR-416	0.66049	0.28049	1.0405	***
hsa-miR-516b* - ath-miR-416	0.65908	0.38273	0.93542	***
hsa-miR-500* - ath-miR-416	0.65737	0.27736	1.03737	***
hsa-miR-218-2* - ath-miR-416	0.657	0.277	1.03701	***
hsa-miR-215 - ath-miR-416	0.65619	0.27618	1.03619	***
hsa-miR-502-3p - ath-miR-416	0.65468	0.27467	1.03468	***
hsa-miR-548k - ath-miR-416	0.6529	0.27289	1.0329	***
hsa-miR-224 - ath-miR-416	0.65136	0.27135	1.03136	***
hsa-miR-1263 - ath-miR-416	0.64867	0.26867	1.02868	***
hsa-miR-563 - ath-miR-416	0.64734	0.26734	1.02735	***
hsa-miR-589 - ath-miR-416	0.6469	0.26689	1.0269	***
hsa-miR-23b - ath-miR-416	0.62706	0.24706	1.00706	***
hsa-miR-7-1* - ath-miR-416	0.62703	0.24702	1.00703	***
hsa-miR-216b - ath-miR-416	0.62603	0.24603	1.00603	***
hsa-miR-556-3p - ath-miR-416	0.6247	0.2447	1.00471	***
hsa-miR-93 - ath-miR-416	0.6244	0.2444	1.0044	***
hsa-miR-520a-5p - ath-miR-416	0.62391	0.24391	1.00392	***
hsa-miR-146a* - ath-miR-416	0.62297	0.24297	1.00298	***
hsa-miR-518a-5p - ath-miR-416	0.62281	0.34647	0.89916	***
hsa-miR-631 - ath-miR-416	0.61738	0.23738	0.99739	***
hsa-miR-770-5p - ath-miR-416	0.61597	0.23597	0.99598	***
hsa-miR-508-3p - ath-miR-416	0.61296	0.23296	0.99296	***
hsa-miR-1826 - ath-miR-416	0.60923	0.22922	0.98923	***
hsa-miR-182 - ath-miR-416	0.60691	0.22691	0.98691	***
hsa-miR-181a-2* - ath-miR-416	0.60357	0.22357	0.98358	***
hsa-miR-1539 - ath-miR-416	0.59896	0.21896	0.97896	***
hsa-miR-516a-3p - ath-miR-416	0.59739	0.32105	0.87374	***
hsa-miR-627 - ath-miR-416	0.59622	0.21622	0.97623	***
hsa-miR-513a-5p - ath-miR-416	0.59219	0.31585	0.86854	***
hsa-miR-629 - ath-miR-416	0.59204	0.21203	0.97204	***
hsa-miR-615-3p - ath-miR-416	0.58906	0.20906	0.96907	***
hsa-miR-577 - ath-miR-416	0.5835	0.2035	0.9635	***
hsa-miR-605 - ath-miR-416	0.58277	0.20276	0.96277	***
hsa-miR-1267 - ath-miR-416	0.58109	0.20109	0.9611	***
hsa-miR-214 - ath-miR-416	0.57864	0.19864	0.95864	***
hsa-miR-629* - ath-miR-416	0.57766	0.19766	0.95767	***
hsa-miR-551a - ath-miR-416	0.5767	0.1967	0.95671	***
hsa-miR-922 - ath-miR-416	0.57539	0.19538	0.95539	***
hsa-miR-517b - ath-miR-416	0.57426	0.19426	0.95426	***
hsa-miR-181b - ath-miR-416	0.57335	0.29701	0.8497	***
hsa-miR-190b - ath-miR-416	0.57261	0.19261	0.95262	***
hsa-miR-15b - ath-miR-416	0.57173	0.19173	0.95174	***
hsa-miR-671-3p - ath-miR-416	0.56662	0.18662	0.94662	***
hsa-miR-875-3p - ath-miR-416	0.56499	0.18498	0.94499	***
hsa-miR-518f - ath-miR-416	0.56394	0.18393	0.94394	***
hsa-miR-495 - ath-miR-416	0.56001	0.18	0.94001	***
hsa-miR-411 - ath-miR-416	0.55975	0.17974	0.93975	***
hsa-miR-572 - ath-miR-416	0.55895	0.17895	0.93896	***
hsa-miR-1225-3p - ath-miR-416	0.55572	0.17572	0.93572	***
hsa-miR-744 - ath-miR-416	0.55267	0.17267	0.93268	***
hsa-miR-592 - ath-miR-416	0.55193	0.17193	0.93193	***
hsa-miR-618 - ath-miR-416	0.55104	0.17104	0.93104	***
hsa-miR-671-5p - ath-miR-416	0.54861	0.16861	0.92862	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-512-3p - ath-miR-416	0.54728	0.27094	0.82363	***
hsa-miR-223 - ath-miR-416	0.5469	0.1669	0.9269	***
hsa-miR-499-3p - ath-miR-416	0.54633	0.16632	0.92633	***
hsa-miR-1470 - ath-miR-416	0.54504	0.16504	0.92505	***
hsa-miR-557 - ath-miR-416	0.54482	0.16481	0.92482	***
hsa-miR-876-3p - ath-miR-416	0.54346	0.16346	0.92346	***
hsa-miR-649 - ath-miR-416	0.54267	0.16266	0.92267	***
hsa-miR-548e - ath-miR-416	0.54264	0.16264	0.92264	***
hsa-miR-600 - ath-miR-416	0.54208	0.16208	0.92209	***
hsa-miR-586 - ath-miR-416	0.54182	0.16182	0.92183	***
hsa-miR-616* - ath-miR-416	0.53838	0.15838	0.91839	***
hsa-miR-24-1* - ath-miR-416	0.53452	0.15452	0.91453	***
hsa-miR-513a-3p - ath-miR-416	0.53406	0.25771	0.8104	***
hsa-miR-7-2* - ath-miR-416	0.5328	0.15279	0.9128	***
hsa-miR-596 - ath-miR-416	0.53143	0.15143	0.91144	***
hsa-miR-1469 - ath-miR-416	0.53061	0.15061	0.91062	***
hsa-miR-1244 - ath-miR-416	0.53026	0.15025	0.91026	***
hsa-miR-26a - ath-miR-416	0.52939	0.25305	0.80574	***
hsa-miR-664* - ath-miR-416	0.52744	0.14744	0.90745	***
hsa-miR-524-5p - ath-miR-416	0.52581	0.1458	0.90581	***
hsa-miR-181c - ath-miR-416	0.52198	0.14197	0.90198	***
hsa-miR-638 - ath-miR-416	0.52193	0.14193	0.90194	***
hsa-miR-626 - ath-miR-416	0.5218	0.14179	0.9018	***
hsa-miR-657 - ath-miR-416	0.52142	0.14141	0.90142	***
hsa-miR-590-5p - ath-miR-416	0.52111	0.14111	0.90112	***
hsa-miR-590-3p - ath-miR-416	0.52002	0.14002	0.90003	***
hsa-miR-767-3p - ath-miR-416	0.51776	0.13776	0.89777	***
hsa-miR-550* - ath-miR-416	0.51543	0.23908	0.79177	***
hsa-miR-10b - ath-miR-416	0.51035	0.13035	0.89036	***
hsa-miR-220a - ath-miR-416	0.50688	0.12688	0.88689	***
hsa-miR-150 - ath-miR-416	0.50617	0.12616	0.88617	***
hsa-miR-510 - ath-miR-416	0.50605	0.12605	0.88606	***
hsa-miR-615-5p - ath-miR-416	0.50518	0.12518	0.88519	***
hsa-miR-519b-3p - ath-miR-416	0.50098	0.12097	0.88098	***
hsa-miR-296-3p - ath-miR-416	0.50011	0.12011	0.88011	***
hsa-miR-551b - ath-miR-416	0.49735	0.11734	0.87735	***
hsa-miR-1178 - ath-miR-416	0.49699	0.11698	0.87699	***
hsa-miR-16-1* - ath-miR-416	0.49638	0.11638	0.87638	***
hsa-miR-24 - ath-miR-416	0.49626	0.21991	0.7726	***
hsa-miR-2113 - ath-miR-416	0.49603	0.11603	0.87604	***
hsa-miR-573 - ath-miR-416	0.49227	0.11227	0.87228	***
hsa-miR-579 - ath-miR-416	0.49027	0.11027	0.87027	***
hsa-miR-508-5p - ath-miR-416	0.48818	0.10818	0.86819	***
hsa-miR-758 - ath-miR-416	0.48799	0.10799	0.868	***
hsa-miR-522* - ath-miR-416	0.48618	0.10618	0.86619	***
hsa-miR-1827 - ath-miR-416	0.48539	0.10539	0.86539	***
hsa-miR-937 - ath-miR-416	0.48535	0.10535	0.86536	***
hsa-miR-1284 - ath-miR-416	0.48185	0.10185	0.86185	***
hsa-miR-1225-5p - ath-miR-416	0.4814	0.1014	0.8614	***
hsa-miR-582-3p - ath-miR-416	0.48048	0.10048	0.86049	***
hsa-miR-205 - ath-miR-416	0.47724	0.09724	0.85724	***
hsa-miR-185* - ath-miR-416	0.47621	0.09621	0.85621	***
hsa-miR-889 - ath-miR-416	0.47509	0.09509	0.85509	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-580 - ath-miR-416	0.47209	0.09209	0.8521	***
hsa-miR-892a - ath-miR-416	0.47207	0.09207	0.85208	***
hsa-miR-641 - ath-miR-416	0.47136	0.09135	0.85136	***
hsa-miR-614 - ath-miR-416	0.46968	0.08967	0.84968	***
hsa-miR-514 - ath-miR-416	0.46654	0.23484	0.69825	***
hsa-miR-200a - ath-miR-416	0.46535	0.08534	0.84535	***
hsa-let-7i* - ath-miR-416	0.46523	0.08522	0.84523	***
hsa-miR-620 - ath-miR-416	0.46462	0.08462	0.84463	***
hsa-miR-598 - ath-miR-416	0.46371	0.0837	0.84371	***
hsa-miR-150* - ath-miR-416	0.46326	0.08326	0.84327	***
hsa-miR-151-5p - ath-miR-416	0.45494	0.07493	0.83494	***
hsa-miR-584 - ath-miR-416	0.45256	0.07256	0.83257	***
hsa-miR-218 - ath-miR-416	0.45224	0.1759	0.72859	***
hsa-miR-542-5p - ath-miR-416	0.44928	0.06927	0.82928	***
hsa-miR-19b-2* - ath-miR-416	0.44722	0.06721	0.82722	***
hsa-miR-621 - ath-miR-416	0.44378	0.06378	0.82379	***
hsa-miR-1273 - ath-miR-416	0.44227	0.06227	0.82228	***
hsa-miR-1206 - ath-miR-416	0.4368	0.05679	0.8168	***
hsa-miR-488* - ath-miR-416	0.4323	0.05229	0.8123	***
hsa-miR-34a - ath-miR-416	0.43125	0.05125	0.81126	***
hsa-miR-582-5p - ath-miR-416	0.42934	0.04934	0.80935	***
hsa-miR-662 - ath-miR-416	0.42515	0.04515	0.80516	***
hsa-miR-613 - ath-miR-416	0.42494	0.04494	0.80495	***
hsa-miR-505 - ath-miR-416	0.42317	0.04317	0.80318	***
hsa-miR-188-3p - ath-miR-416	0.41692	0.03691	0.79692	***
hsa-miR-601 - ath-miR-416	0.41634	0.03633	0.79634	***
hsa-miR-665 - ath-miR-416	0.41371	0.03371	0.79372	***
hsa-miR-630 - ath-miR-416	0.41044	0.03044	0.79045	***
hsa-miR-23a* - ath-miR-416	0.40988	0.02988	0.78989	***
hsa-miR-520b - ath-miR-416	0.4073	0.02729	0.7873	***
hsa-miR-9* - ath-miR-416	0.40069	0.16898	0.63239	***
hsa-miR-765 - ath-miR-416	0.40038	0.02037	0.78038	***
hsa-miR-346 - ath-miR-416	0.39916	0.01916	0.77917	***
hsa-miR-506 - ath-miR-416	0.39865	0.01864	0.77865	***
hsa-miR-182* - ath-miR-416	0.39789	0.01789	0.7779	***
hsa-miR-361-5p - ath-miR-416	0.39691	0.0169	0.77691	***
hsa-miR-568 - ath-miR-416	0.39565	0.01564	0.77565	***
hsa-miR-503 - ath-miR-416	0.39497	0.01497	0.77497	***
hsa-miR-107 - ath-miR-416	0.39453	0.01452	0.77453	***
hsa-miR-616 - ath-miR-416	0.3904	0.0104	0.7704	***
hsa-miR-92a - ath-miR-416	0.38894	0.1126	0.66529	***
hsa-miR-181a - ath-miR-416	0.38602	0.10967	0.66236	***
hsa-miR-22 - ath-miR-416	0.37585	-0.00416	0.75585	
hsa-miR-548c-3p - ath-miR-416	0.37283	-0.00717	0.75284	
hsa-miR-623 - ath-miR-416	0.37264	-0.00737	0.75264	
hsa-miR-548d-5p - ath-miR-416	0.36998	0.09364	0.64633	***
hsa-miR-516a-5p - ath-miR-416	0.36914	0.0928	0.64549	***
hsa-miR-608 - ath-miR-416	0.36892	-0.01109	0.74892	
hsa-miR-548p - ath-miR-416	0.3681	-0.0119	0.74811	
hsa-miR-487b - ath-miR-416	0.36499	-0.01501	0.745	
hsa-miR-663 - ath-miR-416	0.36329	-0.01672	0.74329	
hsa-miR-1914* - ath-miR-416	0.35822	-0.02178	0.73823	
hsa-miR-451 - ath-miR-416	0.35742	-0.02258	0.73743	



miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-155 - ath-miR-416	0.35542	-0.02459	0.73542	
hsa-miR-99a - ath-miR-416	0.35244	-0.02756	0.73245	
hsa-miR-520h - ath-miR-416	0.35188	-0.02812	0.73189	
hsa-miR-1201 - ath-miR-416	0.34867	-0.03133	0.72868	
hsa-let-7b - ath-miR-416	0.34568	-0.03432	0.72569	
hsa-miR-1229 - ath-miR-416	0.33381	-0.0462	0.71381	
hsa-miR-576-3p - ath-miR-416	0.33335	-0.04666	0.71335	
hsa-miR-520a-3p - ath-miR-416	0.33274	-0.04726	0.71275	
hsa-miR-603 - ath-miR-416	0.32792	-0.05209	0.70792	
hsa-miR-1245 - ath-miR-416	0.32452	-0.05548	0.70452	
hsa-miR-597 - ath-miR-416	0.32143	-0.05858	0.70143	
hsa-miR-541 - ath-miR-416	0.32096	-0.05904	0.70096	
hsa-miR-367* - ath-miR-416	0.31517	-0.06483	0.69517	
hsa-miR-96 - ath-miR-416	0.3113	-0.0687	0.6913	
hsa-miR-625 - ath-miR-416	0.30951	-0.07049	0.68952	
hsa-miR-548a-5p - ath-miR-416	0.30812	-0.07188	0.68813	
hsa-miR-130a - ath-miR-416	0.30783	-0.07217	0.68784	
hsa-miR-19a* - ath-miR-416	0.30198	-0.07802	0.68199	
hsa-miR-100 - ath-miR-416	0.30183	-0.07817	0.68183	
hsa-miR-519c-5p - ath-miR-416	0.30106	-0.07895	0.68106	
hsa-let-7c - ath-miR-416	0.29423	-0.08578	0.67423	
hsa-miR-1915* - ath-miR-416	0.29237	-0.08764	0.67237	
hsa-miR-297 - ath-miR-416	0.28924	-0.09076	0.66925	
hsa-miR-190 - ath-miR-416	0.28765	-0.09235	0.66766	
hsa-miR-103 - ath-miR-416	0.28555	0.00921	0.5619	***
hsa-miR-891b - ath-miR-416	0.28398	-0.09603	0.66398	
hsa-miR-1205 - ath-miR-416	0.28261	-0.0974	0.66261	
hsa-miR-323-3p - ath-miR-416	0.28173	-0.09827	0.66174	
hsa-miR-345 - ath-miR-416	0.28099	-0.09902	0.66099	
hsa-miR-933 - ath-miR-416	0.2801	-0.0999	0.66011	
hsa-miR-593* - ath-miR-416	0.27965	-0.10035	0.65966	
hsa-miR-570 - ath-miR-416	0.27835	-0.10165	0.65836	
hsa-miR-520f - ath-miR-416	0.27697	-0.10303	0.65697	
hsa-miR-1231 - ath-miR-416	0.27421	-0.1058	0.65421	
hsa-miR-652 - ath-miR-416	0.27285	-0.10716	0.65285	
hsa-miR-1203 - ath-miR-416	0.27062	-0.10939	0.65062	
hsa-miR-519a - ath-miR-416	0.26969	-0.00665	0.54604	
hsa-miR-485-5p - ath-miR-416	0.26966	-0.11034	0.64967	
hsa-miR-143 - ath-miR-416	0.26858	-0.11143	0.64858	
hsa-miR-32 - ath-miR-416	0.2678	-0.1122	0.64781	
hsa-miR-520c-5p - ath-miR-416	0.26769	-0.11232	0.64769	
hsa-miR-1471 - ath-miR-416	0.26754	-0.11246	0.64755	
hsa-miR-135a* - ath-miR-416	0.26557	-0.11443	0.64558	
hsa-miR-1294 - ath-miR-416	0.26514	-0.11486	0.64515	
hsa-miR-942 - ath-miR-416	0.26476	-0.11524	0.64477	
hsa-let-7i - ath-miR-416	0.26139	-0.11861	0.6414	
hsa-miR-509-5p - ath-miR-416	0.25814	-0.0182	0.53449	
hsa-miR-1184 - ath-miR-416	0.25755	-0.12245	0.63756	
hsa-miR-548a-3p - ath-miR-416	0.2567	0.02499	0.4884	***
hsa-miR-593 - ath-miR-416	0.2563	-0.1237	0.63631	
hsa-miR-892b - ath-miR-416	0.25577	-0.12423	0.63577	
hsa-miR-181d - ath-miR-416	0.25509	-0.12491	0.6351	
hsa-miR-100* - ath-miR-416	0.25414	-0.12586	0.63414	

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-452* - ath-miR-416	0.25226	-0.12774	0.63227	
hsa-miR-27a* - ath-miR-416	0.25218	-0.12782	0.63218	
hsa-miR-1226* - ath-miR-416	0.25071	-0.1293	0.63071	
hsa-miR-1237 - ath-miR-416	0.24938	-0.13063	0.62938	
hsa-miR-888* - ath-miR-416	0.24745	-0.13256	0.62745	
hsa-miR-941 - ath-miR-416	0.2473	0.04151	0.45309	***
hsa-miR-138 - ath-miR-416	0.2468	-0.02954	0.52315	
hsa-miR-548g - ath-miR-416	0.24374	-0.13627	0.62374	
hsa-miR-708 - ath-miR-416	0.24275	-0.13725	0.62276	
hsa-miR-7 - ath-miR-416	0.24085	0.00914	0.47255	***
hsa-miR-518f* - ath-miR-416	0.24079	-0.13921	0.6208	
hsa-let-7e* - ath-miR-416	0.23819	-0.14182	0.61819	
hsa-miR-450b-5p - ath-miR-416	0.23813	-0.14188	0.61813	
hsa-miR-512-5p - ath-miR-416	0.23787	-0.03847	0.51422	
hsa-miR-939 - ath-miR-416	0.23745	-0.14255	0.61746	
hsa-miR-517c - ath-miR-416	0.23655	-0.14346	0.61655	
hsa-miR-1910 - ath-miR-416	0.23091	-0.14909	0.61092	
hsa-miR-1909 - ath-miR-416	0.22887	-0.15113	0.60887	
hsa-miR-20a* - ath-miR-416	0.22847	-0.15154	0.60847	
hsa-miR-146a - ath-miR-416	0.225	-0.155	0.60501	
hsa-miR-571 - ath-miR-416	0.225	-0.155	0.605	
hsa-miR-588 - ath-miR-416	0.22201	-0.158	0.60201	
hsa-miR-99a* - ath-miR-416	0.2215	-0.15851	0.6015	
hsa-miR-1468 - ath-miR-416	0.22114	-0.15887	0.60114	
hsa-miR-1914 - ath-miR-416	0.22043	-0.15957	0.60043	
hsa-miR-33a - ath-miR-416	0.21973	-0.16027	0.59974	
hsa-let-7d - ath-miR-416	0.21827	-0.16173	0.59828	
hsa-miR-154 - ath-miR-416	0.21804	-0.16196	0.59804	
hsa-miR-1974 - ath-miR-416	0.21778	-0.16222	0.59778	
hsa-miR-526b - ath-miR-416	0.21364	-0.16636	0.59364	
hsa-miR-664 - ath-miR-416	0.21253	-0.16747	0.59254	
hsa-miR-541* - ath-miR-416	0.21251	-0.16749	0.59251	
hsa-miR-924 - ath-miR-416	0.21186	-0.16815	0.59186	
hsa-miR-1274b - ath-miR-416	0.21172	-0.16828	0.59172	
hsa-miR-224* - ath-miR-416	0.2085	-0.1715	0.5885	
hsa-miR-1207-3p - ath-miR-416	0.20827	-0.17173	0.58828	
hsa-miR-484 - ath-miR-416	0.2068	-0.1732	0.58681	
hsa-miR-98 - ath-miR-416	0.20357	-0.17643	0.58358	
hsa-miR-548f - ath-miR-416	0.20317	0.01464	0.3917	***
hsa-miR-1227 - ath-miR-416	0.20227	-0.17774	0.58227	
hsa-miR-32* - ath-miR-416	0.20219	-0.17781	0.58219	
hsa-miR-9 - ath-miR-416	0.20193	-0.02978	0.43363	
hsa-miR-33a* - ath-miR-416	0.20114	-0.17886	0.58115	
hsa-miR-1224-3p - ath-miR-416	0.20004	-0.17996	0.58004	
hsa-miR-619 - ath-miR-416	0.19939	-0.18062	0.57939	
hsa-miR-1915 - ath-miR-416	0.19475	-0.18525	0.57476	
hsa-miR-587 - ath-miR-416	0.19473	-0.18528	0.57473	
hsa-let-7a* - ath-miR-416	0.19344	-0.0829	0.46979	
hsa-miR-411* - ath-miR-416	0.19318	-0.18682	0.57318	
hsa-miR-525-5p - ath-miR-416	0.19317	-0.18683	0.57318	
hsa-miR-1253 - ath-miR-416	0.19047	-0.18953	0.57047	
hsa-let-7d* - ath-miR-416	0.18786	-0.19214	0.56787	
hsa-miR-139-3p - ath-miR-416	0.18544	-0.19456	0.56545	

<b>miRNA Comparison</b>	<b>Difference between means</b>	<b>Simultaneous 95% Confidence Limits</b>	
hsa-miR-524-3p - ath-miR-416	0.18446	-0.19555	0.56446
hsa-miR-486-3p - ath-miR-416	0.18129	-0.19872	0.56129
hsa-miR-921 - ath-miR-416	0.18013	-0.19988	0.56013
hsa-miR-93* - ath-miR-416	0.17839	-0.20161	0.55839
hsa-miR-526a - ath-miR-416	0.17501	-0.10134	0.45135
hsa-miR-1179 - ath-miR-416	0.17422	-0.20579	0.55422
hsa-miR-302a* - ath-miR-416	0.17267	-0.20734	0.55267
hsa-miR-204 - ath-miR-416	0.17172	-0.20828	0.55172
hsa-miR-1913 - ath-miR-416	0.17151	-0.20849	0.55151
hsa-miR-658 - ath-miR-416	0.17141	-0.20859	0.55141
hsa-miR-25* - ath-miR-416	0.17073	-0.20928	0.55073
hsa-let-7a-2* - ath-miR-416	0.17006	-0.20994	0.55007
hsa-miR-17 - ath-miR-416	0.16671	-0.21329	0.54672
hsa-miR-106b* - ath-miR-416	0.16431	-0.21569	0.54431
hsa-miR-26a-2* - ath-miR-416	0.16405	-0.21595	0.54405
hsa-miR-548h - ath-miR-416	0.16193	-0.04386	0.36772
hsa-miR-485-3p - ath-miR-416	0.16172	-0.21828	0.54173
hsa-miR-1280 - ath-miR-416	0.16164	-0.21837	0.54164
hsa-miR-130b - ath-miR-416	0.15934	-0.22066	0.53935
hsa-miR-412 - ath-miR-416	0.15764	-0.22236	0.53765
hsa-miR-335* - ath-miR-416	0.15756	-0.22244	0.53757
hsa-miR-1183 - ath-miR-416	0.15585	-0.22415	0.53586
hsa-miR-191* - ath-miR-416	0.15228	-0.22773	0.53228
hsa-miR-1302 - ath-miR-416	0.14991	-0.00928	0.30909
hsa-miR-558 - ath-miR-416	0.14859	-0.23141	0.5286
hsa-miR-96* - ath-miR-416	0.14818	-0.23183	0.52818
hsa-miR-1251 - ath-miR-416	0.14762	-0.23238	0.52763
hsa-miR-455-3p - ath-miR-416	0.14464	-0.23537	0.52464
hsa-miR-361-3p - ath-miR-416	0.14115	-0.23886	0.52115
hsa-miR-153 - ath-miR-416	0.14071	-0.13564	0.41705
hsa-miR-522 - ath-miR-416	0.14005	-0.23995	0.52006
hsa-miR-320a - ath-miR-416	0.13946	-0.24055	0.51946
hsa-miR-1259 - ath-miR-416	0.13816	-0.24184	0.51816
hsa-miR-938 - ath-miR-416	0.13809	-0.24192	0.51809
hsa-miR-1911 - ath-miR-416	0.13746	-0.24254	0.51746
hsa-miR-1825 - ath-miR-416	0.13416	-0.24585	0.51416
hsa-miR-1293 - ath-miR-416	0.13322	-0.24679	0.51322
hsa-miR-18b* - ath-miR-416	0.13056	-0.24944	0.51056
hsa-miR-1236 - ath-miR-416	0.13015	-0.24985	0.51015
hsa-miR-1208 - ath-miR-416	0.12825	-0.25175	0.50825
hsa-miR-372 - ath-miR-416	0.12782	-0.25218	0.50782
hsa-miR-20a - ath-miR-416	0.12705	-0.25296	0.50705
hsa-miR-876-5p - ath-miR-416	0.12655	-0.25345	0.50656
hsa-miR-567 - ath-miR-416	0.12566	-0.25434	0.50567
hsa-miR-628-5p - ath-miR-416	0.12438	-0.25562	0.50439
hsa-miR-1275 - ath-miR-416	0.12275	-0.25726	0.50275
hsa-miR-140-3p - ath-miR-416	0.11566	-0.26434	0.49566
hsa-miR-335 - ath-miR-416	0.11542	-0.26458	0.49543
hsa-miR-99b - ath-miR-416	0.11463	-0.26537	0.49463
hsa-miR-1234 - ath-miR-416	0.11339	-0.26661	0.4934
hsa-miR-1228* - ath-miR-416	0.11192	-0.26808	0.49192
hsa-miR-548c-5p - ath-miR-416	0.11122	-0.26879	0.49122
hsa-miR-940 - ath-miR-416	0.10758	-0.27243	0.48758

<b>miRNA Comparison</b>	<b>Difference between means</b>	<b>Simultaneous 95% Confidence Limits</b>	
hsa-miR-574-3p - ath-miR-416	0.10544	-0.27456	0.48544
hsa-miR-491-5p - ath-miR-416	0.10455	-0.27545	0.48456
hsa-miR-199b-5p - ath-miR-416	0.1041	-0.2759	0.48411
hsa-miR-548o - ath-miR-416	0.10252	-0.27748	0.48253
hsa-miR-1976 - ath-miR-416	0.10244	-0.27757	0.48244
hsa-let-7f - ath-miR-416	0.09938	-0.17697	0.37572
hsa-miR-23b* - ath-miR-416	0.09755	-0.28245	0.47756
hsa-miR-1323 - ath-miR-416	0.09504	-0.28497	0.47504
hsa-miR-1238 - ath-miR-416	0.09421	-0.28579	0.47422
hsa-miR-581 - ath-miR-416	0.09202	-0.28798	0.47203
hsa-miR-483-3p - ath-miR-416	0.09133	-0.28867	0.47134
hsa-miR-1285 - ath-miR-416	0.09103	-0.18531	0.36738
hsa-miR-34a* - ath-miR-416	0.09086	-0.28914	0.47087
hsa-miR-192 - ath-miR-416	0.09043	-0.28958	0.47043
hsa-miR-552 - ath-miR-416	0.09011	-0.28989	0.47011
hsa-miR-1207-5p - ath-miR-416	0.08823	-0.29177	0.46824
hsa-miR-1305 - ath-miR-416	0.08763	-0.29238	0.46763
hsa-miR-302e - ath-miR-416	0.08677	-0.29323	0.46677
hsa-miR-18a - ath-miR-416	0.08554	-0.29447	0.46554
hsa-miR-141* - ath-miR-416	0.08237	-0.29764	0.46237
hsa-miR-149 - ath-miR-416	0.08142	-0.29858	0.46143
hsa-miR-504 - ath-miR-416	0.07986	-0.30014	0.45986
hsa-miR-487a - ath-miR-416	0.07409	-0.30591	0.45409
hsa-miR-135a - ath-miR-416	0.07196	-0.20438	0.34831
hsa-miR-1226 - ath-miR-416	0.07038	-0.30963	0.45038
hsa-miR-1286 - ath-miR-416	0.06986	-0.31014	0.44987
hsa-miR-326 - ath-miR-416	0.06587	-0.31413	0.44588
hsa-miR-1233 - ath-miR-416	0.06437	-0.31564	0.44437
hsa-miR-127-5p - ath-miR-416	0.06217	-0.31784	0.44217
hsa-miR-526b* - ath-miR-416	0.0593	-0.3207	0.43931
hsa-miR-27a - ath-miR-416	0.05749	-0.32251	0.43749
hsa-miR-1250 - ath-miR-416	0.05678	-0.32323	0.43678
hsa-miR-877* - ath-miR-416	0.05553	-0.32448	0.43553
hsa-miR-431* - ath-miR-416	0.05464	-0.32536	0.43465
hsa-miR-532-5p - ath-miR-416	0.05366	-0.32635	0.43366
hsa-miR-1228 - ath-miR-416	0.05238	-0.32762	0.43238
hsa-miR-30c - ath-miR-416	0.0468	-0.22954	0.32315
hsa-miR-148a - ath-miR-416	0.04146	-0.33854	0.42146
hsa-miR-935 - ath-miR-416	0.0406	-0.33941	0.4206
hsa-miR-887 - ath-miR-416	0.03916	-0.34085	0.41916
hsa-miR-449b - ath-miR-416	0.03781	-0.34219	0.41781
hsa-miR-1185 - ath-miR-416	0.0358	-0.24054	0.31215
hsa-miR-543 - ath-miR-416	0.03377	-0.34623	0.41378
hsa-miR-1322 - ath-miR-416	0.03326	-0.34674	0.41327
hsa-miR-544 - ath-miR-416	0.03212	-0.34788	0.41213
hsa-miR-142-5p - ath-miR-416	0.03209	-0.34792	0.41209
hsa-miR-1301 - ath-miR-416	0.03151	-0.34849	0.41152
hsa-miR-10b* - ath-miR-416	0.03151	-0.34849	0.41151
hsa-miR-362-3p - ath-miR-416	0.03148	-0.34852	0.41149
hsa-miR-220b - ath-miR-416	0.0254	-0.3546	0.40541
hsa-miR-1321 - ath-miR-416	0.02459	-0.35542	0.40459
hsa-miR-488 - ath-miR-416	0.02087	-0.35913	0.40087
hsa-miR-193a-3p - ath-miR-416	0.014	-0.36601	0.394

<b>miRNA Comparison</b>	<b>Difference between means</b>	<b>Simultaneous 95% Confidence Limits</b>	
hsa-miR-548b-5p - ath-miR-416	0.01344	-0.36656	0.39345
hsa-miR-29b - ath-miR-416	0.00961	-0.26674	0.28595
hsa-miR-152 - ath-miR-416	0.0074	-0.37261	0.3874
hsa-miR-122* - ath-miR-416	0.00729	-0.37271	0.38729
hsa-miR-431 - ath-miR-416	0.00713	-0.37287	0.38714
hsa-miR-95 - ath-miR-416	0.00543	-0.37458	0.38543
hsa-miR-132* - ath-miR-416	0.00362	-0.37638	0.38363
hsa-miR-936 - ath-miR-416	0.00362	-0.37639	0.38362
hsa-miR-1538 - ath-miR-416	0.00199	-0.37802	0.38199
hsa-miR-26b - ath-miR-416	0.00107	-0.37894	0.38107
hsa-miR-2110 - ath-miR-416	0.00004	-0.37997	0.38004
hsa-miR-450a - ath-miR-416	-0.00631	-0.28266	0.27003
hsa-miR-509-3-5p - ath-miR-416	-0.00723	-0.38724	0.37277
hsa-miR-455-5p - ath-miR-416	-0.00724	-0.38724	0.37277
hsa-miR-373* - ath-miR-416	-0.00763	-0.38764	0.37237
hsa-miR-324-5p - ath-miR-416	-0.00944	-0.38945	0.37056
hsa-miR-373 - ath-miR-416	-0.01024	-0.39025	0.36976
hsa-miR-515-5p - ath-miR-416	-0.01129	-0.28764	0.26505
hsa-miR-323-5p - ath-miR-416	-0.0127	-0.39271	0.3673
hsa-miR-138-1* - ath-miR-416	-0.01619	-0.39619	0.36381
hsa-miR-454 - ath-miR-416	-0.01807	-0.39808	0.36193
hsa-miR-433 - ath-miR-416	-0.01814	-0.39815	0.36186
hsa-miR-449a - ath-miR-416	-0.02338	-0.40338	0.35662
hsa-miR-1324 - ath-miR-416	-0.02428	-0.40429	0.35572
hsa-miR-133b - ath-miR-416	-0.02531	-0.40531	0.3547
hsa-miR-1975 - ath-miR-416	-0.02621	-0.40622	0.35379
hsa-miR-602 - ath-miR-416	-0.02652	-0.40652	0.35348
hsa-miR-339-5p - ath-miR-416	-0.02677	-0.40677	0.35324
hsa-let-7f-1* - ath-miR-416	-0.02718	-0.40718	0.35282
hsa-miR-943 - ath-miR-416	-0.03128	-0.41129	0.34872
hsa-miR-1180 - ath-miR-416	-0.03555	-0.41555	0.34445
hsa-miR-520d-3p - ath-miR-416	-0.03613	-0.41613	0.34388
hsa-miR-944 - ath-miR-416	-0.03686	-0.41687	0.34314
hsa-miR-380 - ath-miR-416	-0.03691	-0.41691	0.3431
hsa-miR-329 - ath-miR-416	-0.04049	-0.31683	0.23586
hsa-miR-199b-3p - ath-miR-416	-0.0436	-0.4236	0.3364
hsa-miR-609 - ath-miR-416	-0.04499	-0.42499	0.33502
hsa-miR-548d-3p - ath-miR-416	-0.0456	-0.32194	0.23075
hsa-miR-148a* - ath-miR-416	-0.04612	-0.42613	0.33388
hsa-miR-382 - ath-miR-416	-0.05084	-0.43084	0.32917
hsa-miR-423-5p - ath-miR-416	-0.05227	-0.43228	0.32773
hsa-miR-1977 - ath-miR-416	-0.05339	-0.43339	0.32662
hsa-miR-1204 - ath-miR-416	-0.05941	-0.43941	0.32059
hsa-miR-146b-3p - ath-miR-416	-0.06217	-0.44218	0.31783
hsa-miR-151-3p - ath-miR-416	-0.06314	-0.44314	0.31687
hsa-miR-105* - ath-miR-416	-0.06445	-0.3408	0.21189
hsa-miR-454* - ath-miR-416	-0.06594	-0.44595	0.31406
hsa-let-7a - ath-miR-416	-0.06939	-0.3011	0.16232
hsa-miR-28-5p - ath-miR-416	-0.07122	-0.45122	0.30879
hsa-miR-183 - ath-miR-416	-0.07185	-0.45185	0.30816
hsa-miR-370 - ath-miR-416	-0.0719	-0.4519	0.3081
hsa-miR-30a* - ath-miR-416	-0.07229	-0.45229	0.30771
hsa-miR-520e - ath-miR-416	-0.07276	-0.45277	0.30724

<b>miRNA Comparison</b>	<b>Difference between means</b>	<b>Simultaneous 95% Confidence Limits</b>	
hsa-miR-424* - ath-miR-416	-0.07283	-0.45284	0.30717
hsa-miR-331-5p - ath-miR-416	-0.07379	-0.45379	0.30621
hsa-miR-1272 - ath-miR-416	-0.07383	-0.45383	0.30617
hsa-miR-425 - ath-miR-416	-0.07454	-0.45454	0.30547
hsa-miR-365* - ath-miR-416	-0.0781	-0.4581	0.3019
hsa-miR-143* - ath-miR-416	-0.07848	-0.45848	0.30153
hsa-miR-452 - ath-miR-416	-0.08235	-0.46235	0.29765
hsa-miR-934 - ath-miR-416	-0.0825	-0.4625	0.29751
hsa-miR-324-3p - ath-miR-416	-0.08297	-0.46297	0.29704
hsa-miR-103-2* - ath-miR-416	-0.08519	-0.4652	0.29481
hsa-miR-135b* - ath-miR-416	-0.08755	-0.46755	0.29245
hsa-miR-33b - ath-miR-416	-0.0951	-0.4751	0.2849
hsa-miR-320b - ath-miR-416	-0.09876	-0.3751	0.17759
hsa-miR-30c-2* - ath-miR-416	-0.10196	-0.48196	0.27804
hsa-miR-888 - ath-miR-416	-0.10819	-0.4882	0.27181
hsa-miR-365 - ath-miR-416	-0.10974	-0.38609	0.1666
hsa-miR-320d - ath-miR-416	-0.11075	-0.3871	0.1656
hsa-miR-15a - ath-miR-416	-0.1134	-0.4934	0.2666
hsa-miR-29c - ath-miR-416	-0.11438	-0.49439	0.26562
hsa-miR-376b - ath-miR-416	-0.11583	-0.49583	0.26418
hsa-miR-628-3p - ath-miR-416	-0.11585	-0.49585	0.26415
hsa-miR-453 - ath-miR-416	-0.11762	-0.49762	0.26239
hsa-miR-186 - ath-miR-416	-0.11904	-0.49905	0.26096
hsa-miR-92b - ath-miR-416	-0.12124	-0.50125	0.25876
hsa-miR-519c-3p - ath-miR-416	-0.12262	-0.50262	0.25738
hsa-miR-219-2-3p - ath-miR-416	-0.12279	-0.50279	0.25721
hsa-miR-137 - ath-miR-416	-0.12318	-0.50319	0.25682
hsa-miR-424 - ath-miR-416	-0.12362	-0.50362	0.25639
hsa-miR-125b-2* - ath-miR-416	-0.1248	-0.5048	0.2552
hsa-miR-511 - ath-miR-416	-0.12531	-0.40166	0.15103
hsa-miR-429 - ath-miR-416	-0.13136	-0.51137	0.24864
hsa-miR-1304 - ath-miR-416	-0.13232	-0.51232	0.24769
hsa-miR-519b-5p - ath-miR-416	-0.13379	-0.51379	0.24622
hsa-miR-196a - ath-miR-416	-0.14289	-0.41924	0.13345
hsa-miR-1978 - ath-miR-416	-0.14386	-0.52386	0.23614
hsa-miR-500 - ath-miR-416	-0.14629	-0.52629	0.23372
hsa-miR-519d - ath-miR-416	-0.14746	-0.52747	0.23254
hsa-miR-148b - ath-miR-416	-0.14747	-0.52747	0.23254
hsa-let-7c* - ath-miR-416	-0.14958	-0.52958	0.23043
hsa-miR-525-3p - ath-miR-416	-0.14998	-0.52998	0.23003
hsa-miR-449b* - ath-miR-416	-0.15041	-0.53041	0.2296
hsa-miR-421 - ath-miR-416	-0.15209	-0.53209	0.22792
hsa-miR-34b* - ath-miR-416	-0.15378	-0.53379	0.22622
hsa-miR-376a - ath-miR-416	-0.15606	-0.43241	0.12029
hsa-miR-124* - ath-miR-416	-0.1587	-0.3904	0.07301
hsa-miR-184 - ath-miR-416	-0.16148	-0.54149	0.21852
hsa-miR-1269 - ath-miR-416	-0.16403	-0.54403	0.21598
hsa-miR-106a* - ath-miR-416	-0.16833	-0.54834	0.21167
hsa-miR-145 - ath-miR-416	-0.17105	-0.55105	0.20896
hsa-miR-513b - ath-miR-416	-0.1718	-0.5518	0.20821
hsa-miR-1256 - ath-miR-416	-0.17646	-0.55646	0.20355
hsa-miR-31 - ath-miR-416	-0.17867	-0.55867	0.20134
hsa-miR-125b - ath-miR-416	-0.18132	-0.45766	0.09503

<b>miRNA Comparison</b>	<b>Difference between means</b>	<b>Simultaneous 95% Confidence Limits</b>	
hsa-miR-520g - ath-miR-416	-0.18154	-0.56154	0.19846
hsa-miR-448 - ath-miR-416	-0.18239	-0.56239	0.19762
hsa-miR-338-5p - ath-miR-416	-0.18243	-0.56243	0.19758
hsa-miR-301a - ath-miR-416	-0.18498	-0.56498	0.19502
hsa-miR-103-as - ath-miR-416	-0.18528	-0.46162	0.09107
hsa-miR-450b-3p - ath-miR-416	-0.18698	-0.56698	0.19303
hsa-miR-34b - ath-miR-416	-0.18822	-0.56823	0.19178
hsa-miR-320c - ath-miR-416	-0.19062	-0.46696	0.08573
hsa-miR-486-5p - ath-miR-416	-0.19189	-0.5719	0.18811
hsa-miR-432 - ath-miR-416	-0.19371	-0.57371	0.1863
hsa-miR-149* - ath-miR-416	-0.19427	-0.57427	0.18574
hsa-miR-302a - ath-miR-416	-0.19783	-0.57784	0.18217
hsa-let-7g* - ath-miR-416	-0.20066	-0.58066	0.17934
hsa-miR-338-3p - ath-miR-416	-0.20389	-0.5839	0.17611
hsa-miR-330-3p - ath-miR-416	-0.20459	-0.5846	0.17541
hsa-miR-148b* - ath-miR-416	-0.20614	-0.58614	0.17387
hsa-miR-33b* - ath-miR-416	-0.21006	-0.59006	0.16994
hsa-miR-1308 - ath-miR-416	-0.21011	-0.59012	0.16989
hsa-miR-376a* - ath-miR-416	-0.21268	-0.59268	0.16733
hsa-miR-384 - ath-miR-416	-0.21386	-0.59386	0.16615
hsa-miR-302c* - ath-miR-416	-0.21524	-0.59524	0.16476
hsa-miR-34c-5p - ath-miR-416	-0.21699	-0.597	0.16301
hsa-miR-532-3p - ath-miR-416	-0.21722	-0.59722	0.16279
hsa-miR-141 - ath-miR-416	-0.21788	-0.59789	0.16212
hsa-miR-409-3p - ath-miR-416	-0.21836	-0.59836	0.16165
hsa-miR-423-3p - ath-miR-416	-0.21985	-0.59985	0.16016
hsa-miR-135b - ath-miR-416	-0.22236	-0.60237	0.15764
hsa-miR-378 - ath-miR-416	-0.22469	-0.60469	0.15532
hsa-miR-610 - ath-miR-416	-0.22534	-0.60534	0.15466
hsa-miR-374a - ath-miR-416	-0.22622	-0.60622	0.15378
hsa-miR-516b - ath-miR-416	-0.2278	-0.50415	0.04854
hsa-miR-1281 - ath-miR-416	-0.22869	-0.6087	0.15131
hsa-miR-769-3p - ath-miR-416	-0.22873	-0.60873	0.15128
hsa-miR-371-3p - ath-miR-416	-0.23044	-0.61044	0.14957
hsa-miR-302b* - ath-miR-416	-0.23141	-0.61141	0.1486
hsa-miR-1261 - ath-miR-416	-0.23593	-0.61593	0.14408
hsa-miR-625* - ath-miR-416	-0.2362	-0.61621	0.1438
hsa-miR-545 - ath-miR-416	-0.23699	-0.61699	0.14302
hsa-miR-30d - ath-miR-416	-0.23974	-0.61974	0.14027
hsa-miR-340* - ath-miR-416	-0.24576	-0.62577	0.13424
hsa-miR-29b-2* - ath-miR-416	-0.24594	-0.62594	0.13407
hsa-miR-383 - ath-miR-416	-0.24871	-0.62871	0.1313
hsa-miR-10a* - ath-miR-416	-0.25295	-0.63295	0.12706
hsa-miR-30e - ath-miR-416	-0.25365	-0.63365	0.12635
hsa-miR-375 - ath-miR-416	-0.25786	-0.63786	0.12215
hsa-miR-105 - ath-miR-416	-0.25917	-0.53551	0.01718
hsa-miR-518e* - ath-miR-416	-0.26075	-0.64076	0.11925
hsa-miR-1243 - ath-miR-416	-0.26256	-0.64257	0.11744
hsa-miR-1255a - ath-miR-416	-0.2636	-0.6436	0.11641
hsa-miR-30e* - ath-miR-416	-0.2674	-0.6474	0.1126
hsa-miR-296-5p - ath-miR-416	-0.26867	-0.64867	0.11133
hsa-miR-155* - ath-miR-416	-0.26915	-0.64916	0.11085
hsa-miR-422a - ath-miR-416	-0.27505	-0.65506	0.10495

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-367 - ath-miR-416	-0.27877	-0.65877	0.10124	
hsa-miR-29a - ath-miR-416	-0.28027	-0.66028	0.09973	
hsa-miR-432* - ath-miR-416	-0.28126	-0.66126	0.09874	
hsa-miR-653 - ath-miR-416	-0.28354	-0.66354	0.09647	
hsa-let-7b* - ath-miR-416	-0.28389	-0.6639	0.09611	
hsa-miR-1291 - ath-miR-416	-0.28418	-0.66419	0.09582	
hsa-miR-1279 - ath-miR-416	-0.28419	-0.6642	0.09581	
hsa-miR-101* - ath-miR-416	-0.28551	-0.66551	0.0945	
hsa-miR-425* - ath-miR-416	-0.28672	-0.66672	0.09329	
hsa-miR-381 - ath-miR-416	-0.28728	-0.66729	0.09272	
hsa-miR-220c - ath-miR-416	-0.28765	-0.66766	0.09235	
hsa-miR-10a - ath-miR-416	-0.28869	-0.66869	0.09131	
hsa-miR-362-5p - ath-miR-416	-0.28884	-0.66884	0.09117	
hsa-miR-29c* - ath-miR-416	-0.29033	-0.67034	0.08967	
hsa-let-7g - ath-miR-416	-0.29222	-0.67222	0.08778	
hsa-miR-30d* - ath-miR-416	-0.2949	-0.67491	0.0851	
hsa-miR-1247 - ath-miR-416	-0.29516	-0.67517	0.08484	
hsa-miR-369-5p - ath-miR-416	-0.29624	-0.67625	0.08376	
hsa-miR-409-5p - ath-miR-416	-0.29704	-0.67704	0.08297	
hsa-miR-136 - ath-miR-416	-0.29733	-0.67733	0.08268	
hsa-miR-130b* - ath-miR-416	-0.29815	-0.67815	0.08186	
hsa-miR-1257 - ath-miR-416	-0.29875	-0.67875	0.08125	
hsa-miR-134 - ath-miR-416	-0.30043	-0.68043	0.07957	
hsa-miR-1182 - ath-miR-416	-0.30238	-0.68238	0.07763	
hsa-miR-1252 - ath-miR-416	-0.30735	-0.68736	0.07265	
hsa-miR-132 - ath-miR-416	-0.30786	-0.68786	0.07215	
hsa-miR-885-5p - ath-miR-416	-0.30862	-0.68862	0.07139	
hsa-miR-337-5p - ath-miR-416	-0.31203	-0.69204	0.06797	
hsa-miR-493 - ath-miR-416	-0.31223	-0.69223	0.06777	
hsa-miR-1260 - ath-miR-416	-0.31224	-0.69225	0.06776	
hsa-miR-1271 - ath-miR-416	-0.32109	-0.7011	0.05891	
hsa-miR-374a* - ath-miR-416	-0.3219	-0.7019	0.05811	
hsa-miR-199a-3p - ath-miR-416	-0.32472	-0.60107	-0.04838	***
hsa-miR-330-5p - ath-miR-416	-0.32775	-0.70775	0.05226	
hsa-miR-193a-5p - ath-miR-416	-0.32833	-0.70833	0.05167	
hsa-miR-521 - ath-miR-416	-0.33134	-0.60769	-0.055	***
hsa-miR-1306 - ath-miR-416	-0.33228	-0.71228	0.04773	
hsa-miR-550 - ath-miR-416	-0.33284	-0.60919	-0.0565	***
hsa-miR-920 - ath-miR-416	-0.33706	-0.71706	0.04294	
hsa-miR-186* - ath-miR-416	-0.33799	-0.718	0.04201	
hsa-miR-193b - ath-miR-416	-0.33875	-0.71876	0.04125	
hsa-miR-377 - ath-miR-416	-0.34278	-0.72278	0.03722	
hsa-miR-25 - ath-miR-416	-0.34782	-0.72782	0.03219	
hsa-miR-1 - ath-miR-416	-0.34849	-0.62484	-0.07214	***
hsa-miR-23a - ath-miR-416	-0.34862	-0.72863	0.03138	
hsa-let-7e - ath-miR-416	-0.34945	-0.72945	0.03055	
hsa-miR-144* - ath-miR-416	-0.35015	-0.73015	0.02985	
hsa-miR-337-3p - ath-miR-416	-0.35166	-0.73166	0.02834	
hsa-miR-300 - ath-miR-416	-0.352	-0.73201	0.028	
hsa-miR-527 - ath-miR-416	-0.35249	-0.73249	0.02752	
hsa-miR-196b - ath-miR-416	-0.35348	-0.73348	0.02653	
hsa-miR-340 - ath-miR-416	-0.35434	-0.73435	0.02566	
hsa-miR-369-3p - ath-miR-416	-0.35447	-0.73447	0.02554	



miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-140-5p - ath-miR-416	-0.35458	-0.73458	0.02542	
hsa-miR-106a - ath-miR-416	-0.35485	-0.73485	0.02516	
hsa-miR-363* - ath-miR-416	-0.35623	-0.73623	0.02377	
hsa-miR-195 - ath-miR-416	-0.35882	-0.73882	0.02119	
hsa-miR-30b* - ath-miR-416	-0.35964	-0.73964	0.02037	
hsa-miR-145* - ath-miR-416	-0.36065	-0.74065	0.01935	
hsa-miR-380* - ath-miR-416	-0.3609	-0.7409	0.0191	
hsa-miR-101 - ath-miR-416	-0.36487	-0.64121	-0.08852	***
hsa-miR-566 - ath-miR-416	-0.36806	-0.74806	0.01195	
hsa-miR-376c - ath-miR-416	-0.36878	-0.74879	0.01122	
hsa-miR-542-3p - ath-miR-416	-0.36883	-0.74884	0.01117	
hsa-miR-624* - ath-miR-416	-0.36899	-0.74899	0.01102	
hsa-miR-217 - ath-miR-416	-0.3697	-0.7497	0.01031	
hsa-miR-1972 - ath-miR-416	-0.37035	-0.75035	0.00966	
hsa-miR-1246 - ath-miR-416	-0.37171	-0.75171	0.0083	
hsa-miR-342-5p - ath-miR-416	-0.37245	-0.75246	0.00755	
hsa-miR-328 - ath-miR-416	-0.37285	-0.75285	0.00716	
hsa-miR-30a - ath-miR-416	-0.37439	-0.7544	0.00561	
hsa-miR-379 - ath-miR-416	-0.37848	-0.75848	0.00152	
hsa-miR-548b-3p - ath-miR-416	-0.37922	-0.75922	0.00078	
hsa-miR-539 - ath-miR-416	-0.38121	-0.76122	-0.00121	***
hsa-miR-379* - ath-miR-416	-0.3816	-0.76161	-0.0016	***
hsa-miR-302b - ath-miR-416	-0.38314	-0.76315	-0.00314	***
hsa-miR-371-5p - ath-miR-416	-0.38659	-0.7666	-0.00659	***
hsa-miR-675* - ath-miR-416	-0.38778	-0.76778	-0.00777	***
hsa-miR-34c-3p - ath-miR-416	-0.3894	-0.7694	-0.0094	***
hsa-miR-520d-5p - ath-miR-416	-0.39133	-0.77133	-0.01132	***
hsa-miR-519e* - ath-miR-416	-0.39666	-0.77667	-0.01666	***
hsa-miR-130a* - ath-miR-416	-0.39667	-0.77668	-0.01667	***
hsa-miR-302c - ath-miR-416	-0.40152	-0.78153	-0.02152	***
hsa-miR-1297 - ath-miR-416	-0.40172	-0.78173	-0.02172	***
hsa-miR-30b - ath-miR-416	-0.40595	-0.78595	-0.02595	***
hsa-miR-129-5p - ath-miR-416	-0.4105	-0.68684	-0.13415	***
hsa-miR-199a-5p - ath-miR-416	-0.41102	-0.68737	-0.13468	***
hsa-miR-708* - ath-miR-416	-0.41227	-0.79227	-0.03227	***
hsa-miR-302d* - ath-miR-416	-0.41368	-0.79368	-0.03367	***
hsa-miR-1181 - ath-miR-416	-0.41532	-0.79532	-0.03531	***
hsa-miR-195* - ath-miR-416	-0.41827	-0.79827	-0.03826	***
hsa-miR-144 - ath-miR-416	-0.42024	-0.80024	-0.04024	***
hsa-miR-518d-5p - ath-miR-416	-0.4205	-0.80051	-0.0405	***
hsa-miR-299-5p - ath-miR-416	-0.42145	-0.80145	-0.04145	***
hsa-miR-515-3p - ath-miR-416	-0.42192	-0.69826	-0.14557	***
hsa-miR-28-3p - ath-miR-416	-0.42201	-0.80201	-0.04201	***
hsa-miR-1249 - ath-miR-416	-0.43326	-0.81326	-0.05326	***
hsa-miR-29a* - ath-miR-416	-0.43504	-0.81505	-0.05504	***
hsa-miR-133a - ath-miR-416	-0.43899	-0.71534	-0.16265	***
hsa-miR-299-3p - ath-miR-416	-0.4433	-0.8233	-0.06329	***
hsa-miR-298 - ath-miR-416	-0.44504	-0.82504	-0.06503	***
hsa-miR-221* - ath-miR-416	-0.44715	-0.82716	-0.06715	***
hsa-miR-124 - ath-miR-416	-0.45624	-0.68795	-0.22453	***
hsa-miR-1268 - ath-miR-416	-0.46012	-0.84012	-0.08012	***
hsa-miR-1278 - ath-miR-416	-0.46317	-0.84317	-0.08317	***
hsa-miR-1264 - ath-miR-416	-0.46647	-0.84647	-0.08647	***

miRNA Comparison	Difference between means	Simultaneous 95% Confidence Limits		
hsa-miR-1307 - ath-miR-416	-0.46713	-0.84713	-0.08712	***
hsa-miR-1292 - ath-miR-416	-0.4673	-0.8473	-0.0873	***
hsa-miR-744* - ath-miR-416	-0.46957	-0.84958	-0.08957	***
hsa-miR-196a* - ath-miR-416	-0.47036	-0.85036	-0.09036	***
hsa-miR-302f - ath-miR-416	-0.47362	-0.85363	-0.09362	***
hsa-miR-1911* - ath-miR-416	-0.4751	-0.8551	-0.0951	***
hsa-miR-378* - ath-miR-416	-0.47899	-0.85899	-0.09899	***
hsa-let-7f-2* - ath-miR-416	-0.48183	-0.86184	-0.10183	***
hsa-miR-363 - ath-miR-416	-0.48342	-0.86342	-0.10342	***
hsa-miR-221 - ath-miR-416	-0.48465	-0.86465	-0.10465	***
hsa-miR-1289 - ath-miR-416	-0.49718	-0.77353	-0.22084	***
hsa-miR-26a-1* - ath-miR-416	-0.49801	-0.87801	-0.118	***
hsa-miR-146b-5p - ath-miR-416	-0.50016	-0.88016	-0.12015	***
hsa-miR-27b* - ath-miR-416	-0.50133	-0.88133	-0.12132	***
hsa-miR-1973 - ath-miR-416	-0.50763	-0.88764	-0.12763	***
hsa-miR-374b* - ath-miR-416	-0.50773	-0.88774	-0.12773	***
hsa-miR-29b-1* - ath-miR-416	-0.50896	-0.88897	-0.12896	***
hsa-miR-1979 - ath-miR-416	-0.5197	-0.89971	-0.1397	***
hsa-miR-147 - ath-miR-416	-0.52036	-0.90037	-0.14036	***
hsa-miR-1296 - ath-miR-416	-0.52252	-0.90252	-0.14251	***
hsa-miR-668 - ath-miR-416	-0.52347	-0.90347	-0.14346	***
hsa-miR-519e - ath-miR-416	-0.52513	-0.90513	-0.14512	***
hsa-miR-377* - ath-miR-416	-0.53597	-0.91598	-0.15597	***
hsa-miR-92a-1* - ath-miR-416	-0.54309	-0.9231	-0.16309	***
hsa-miR-1262 - ath-miR-416	-0.54581	-0.92581	-0.16581	***
hsa-miR-1299 - ath-miR-416	-0.55124	-0.93124	-0.17124	***
hsa-miR-802 - ath-miR-416	-0.55874	-0.93875	-0.17874	***
hsa-miR-374b - ath-miR-416	-0.55939	-0.9394	-0.17939	***
hsa-miR-1295 - ath-miR-416	-0.56133	-0.94134	-0.18133	***
hsa-miR-494 - ath-miR-416	-0.57122	-0.95122	-0.19122	***
hsa-miR-27b - ath-miR-416	-0.57436	-0.95437	-0.19436	***
hsa-miR-136* - ath-miR-416	-0.57627	-0.95627	-0.19626	***
hsa-miR-518d-3p - ath-miR-416	-0.57918	-0.95918	-0.19917	***
hsa-miR-1265 - ath-miR-416	-0.5825	-0.96251	-0.2025	***
hsa-miR-520c-3p - ath-miR-416	-0.58653	-0.96653	-0.20652	***
hsa-miR-1274a - ath-miR-416	-0.58679	-0.96679	-0.20679	***
hsa-miR-545* - ath-miR-416	-0.58827	-0.96827	-0.20826	***
hsa-miR-142-3p - ath-miR-416	-0.59397	-0.97397	-0.21396	***
hsa-miR-92a-2* - ath-miR-416	-0.59899	-0.979	-0.21899	***
hsa-miR-128 - ath-miR-416	-0.60371	-0.88005	-0.32736	***
hsa-miR-26b* - ath-miR-416	-0.60837	-0.98837	-0.22836	***
hsa-miR-1266 - ath-miR-416	-0.6133	-0.9933	-0.23329	***
hsa-miR-18b - ath-miR-416	-0.61479	-0.99479	-0.23478	***
hsa-miR-1258 - ath-miR-416	-0.62313	-1.00314	-0.24313	***
hsa-miR-1255b - ath-miR-416	-0.63193	-0.90828	-0.35558	***
hsa-miR-1303 - ath-miR-416	-0.64636	-1.02636	-0.26635	***
hsa-miR-126* - ath-miR-416	-0.65594	-1.03595	-0.27594	***
hsa-miR-187 - ath-miR-416	-0.65768	-1.03768	-0.27767	***
hsa-miR-15a* - ath-miR-416	-0.66121	-1.04122	-0.28121	***
hsa-miR-1283 - ath-miR-416	-0.66404	-0.94038	-0.38769	***
hsa-miR-1287 - ath-miR-416	-0.66571	-1.04572	-0.28571	***
hsa-miR-1300 - ath-miR-416	-0.67502	-1.05502	-0.29501	***
hsa-miR-183* - ath-miR-416	-0.68042	-1.06042	-0.30041	***

<b>miRNA Comparison</b>	<b>Difference between means</b>	<b>Simultaneous 95% Confidence Limits</b>		
hsa-miR-197 - ath-miR-416	-0.68218	-1.06218	-0.30217	***
hsa-miR-106b - ath-miR-416	-0.68241	-1.06242	-0.30241	***
hsa-miR-1298 - ath-miR-416	-0.68249	-1.0625	-0.30249	***
hsa-miR-574-5p - ath-miR-416	-0.68338	-1.06338	-0.30337	***
hsa-miR-125b-1* - ath-miR-416	-0.68857	-1.06858	-0.30857	***
hsa-miR-126 - ath-miR-416	-0.69731	-1.07731	-0.3173	***
hsa-miR-1277 - ath-miR-416	-0.71041	-1.09042	-0.33041	***
hsa-miR-194* - ath-miR-416	-0.71391	-1.09392	-0.33391	***
hsa-miR-1912 - ath-miR-416	-0.71763	-1.09763	-0.33763	***
hsa-miR-1270 - ath-miR-416	-0.71978	-1.09978	-0.33977	***
hsa-miR-17* - ath-miR-416	-0.72342	-1.10343	-0.34342	***
hsa-miR-1908 - ath-miR-416	-0.72415	-1.10416	-0.34415	***
hsa-miR-1254 - ath-miR-416	-0.73571	-1.11572	-0.35571	***
hsa-miR-181c* - ath-miR-416	-0.73743	-1.11743	-0.35742	***
hsa-miR-1288 - ath-miR-416	-0.73769	-1.1177	-0.35769	***
hsa-miR-654-3p - ath-miR-416	-0.74419	-1.12419	-0.36419	***
hsa-miR-1909* - ath-miR-416	-0.74731	-1.12732	-0.36731	***
hsa-miR-1290 - ath-miR-416	-0.75468	-1.13468	-0.37467	***
hsa-miR-129-3p - ath-miR-416	-0.76155	-1.14156	-0.38155	***
hsa-miR-125a-5p - ath-miR-416	-0.76458	-1.14458	-0.38458	***
hsa-miR-92b* - ath-miR-416	-0.78421	-1.16422	-0.40421	***
hsa-miR-1276 - ath-miR-416	-0.78809	-1.1681	-0.40809	***
hsa-miR-188-5p - ath-miR-416	-0.79493	-1.17494	-0.41493	***
hsa-miR-301b - ath-miR-416	-0.80472	-1.18472	-0.42472	***
hsa-miR-139-5p - ath-miR-416	-0.81476	-1.19476	-0.43476	***
hsa-miR-129* - ath-miR-416	-0.81931	-1.19932	-0.43931	***
hsa-miR-125a-3p - ath-miR-416	-0.85973	-1.23973	-0.47973	***
hsa-miR-194 - ath-miR-416	-0.87396	-1.15031	-0.59762	***
hsa-miR-127-3p - ath-miR-416	-0.89222	-1.27222	-0.51222	***
hsa-miR-196b* - ath-miR-416	-0.92912	-1.30912	-0.54912	***
hsa-miR-523 - ath-miR-416	-0.93718	-1.31718	-0.55717	***
hsa-miR-660 - ath-miR-416	-0.94487	-1.32488	-0.56487	***
hsa-miR-1248 - ath-miR-416	-0.94556	-1.32556	-0.56555	***
hsa-miR-198 - ath-miR-416	-0.95412	-1.33413	-0.57412	***
hsa-miR-192* - ath-miR-416	-0.96505	-1.34505	-0.58504	***
hsa-miR-659 - ath-miR-416	-0.96874	-1.34875	-0.58874	***
hsa-miR-331-3p - ath-miR-416	-1.05561	-1.43561	-0.67561	***
hsa-miR-31* - ath-miR-416	-1.07235	-1.45235	-0.69234	***
hsa-miR-193b* - ath-miR-416	-1.0977	-1.4777	-0.71769	***
hsa-miR-187* - ath-miR-416	-1.12318	-1.50318	-0.74317	***
hsa-miR-302d - ath-miR-416	-1.13262	-1.51262	-0.75262	***
hsa-miR-211 - ath-miR-416	-1.15433	-1.53433	-0.77433	***
hsa-miR-549 - ath-miR-416	-1.16443	-1.54443	-0.78443	***
hsa-miR-342-3p - ath-miR-416	-1.18072	-1.56072	-0.80071	***
hsa-miR-624 - ath-miR-416	-1.20694	-1.58694	-0.82693	***
hsa-miR-339-3p - ath-miR-416	-1.55842	-1.93842	-1.17841	***
hsa-miR-30c-1* - ath-miR-416	-1.56715	-1.94715	-1.18714	***
hsa-miR-325 - ath-miR-416	-1.96531	-2.34531	-1.5853	***