

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0000758	hsa-miR-135b	70	69	44	56
MIMAT0000758	hsa-miR-135b	144	120	51	118
MIMAT0004698	hsa-miR-135b*	75	62	72	77
MIMAT0004698	hsa-miR-135b*	50	72	53	59
MIMAT0000448	hsa-miR-136	58	53	97	38
MIMAT0000448	hsa-miR-136	69	56	55	101
MIMAT0004606	hsa-miR-136*	124	63	60	69
MIMAT0004606	hsa-miR-136*	57	80	86	47
MIMAT0000429	hsa-miR-137	34	88	66	43
MIMAT0000429	hsa-miR-137	64	98	73	64
MIMAT0000430	hsa-miR-138	47	111	130	66
MIMAT0000430	hsa-miR-138	97	113	79	56
MIMAT0004607	hsa-miR-138-1*	66	95	103	110
MIMAT0004607	hsa-miR-138-1*	92	93	44	118
MIMAT0004596	hsa-miR-138-2*	45	117	66	96
MIMAT0004596	hsa-miR-138-2*	74	131	115	89
MIMAT0004552	hsa-miR-139-3p	41	50	77	93
MIMAT0004552	hsa-miR-139-3p	69	71	56	130
MIMAT0000250	hsa-miR-139-5p	84	153	59	55
MIMAT0000250	hsa-miR-139-5p	76	132	84	60
MIMAT0004597	hsa-miR-140-3p	120	145	100	93
MIMAT0004597	hsa-miR-140-3p	127	136	94	161
MIMAT0000431	hsa-miR-140-5p	55	87	59	60
MIMAT0000431	hsa-miR-140-5p	62	64	50	68
MIMAT0000432	hsa-miR-141	1604	1066	98	82
MIMAT0000432	hsa-miR-141	1698	1283	81	74
MIMAT0004598	hsa-miR-141*	91	74	98	85
MIMAT0004598	hsa-miR-141*	90	92	102	73
MIMAT0000434	hsa-miR-142-3p	56	56	59	52
MIMAT0000434	hsa-miR-142-3p	76	100	45	45
MIMAT0000433	hsa-miR-142-5p	43	41	78	16
MIMAT0000433	hsa-miR-142-5p	56	63	47	53
MIMAT0000435	hsa-miR-143	47	51	91	40
MIMAT0000435	hsa-miR-143	41	66	58	61
MIMAT0004599	hsa-miR-143*	83	70	58	66
MIMAT0004599	hsa-miR-143*	42	82	70	110
MIMAT0000436	hsa-miR-144	81	91	67	44
MIMAT0000436	hsa-miR-144	46	38	74	77
MIMAT0004600	hsa-miR-144*	73	85	92	74
MIMAT0004600	hsa-miR-144*	31	86	92	80
MIMAT0000437	hsa-miR-145	65	79	87	99
MIMAT0000437	hsa-miR-145	68	74	80	61
MIMAT0004601	hsa-miR-145*	84	81	86	87
MIMAT0004601	hsa-miR-145*	86	83	81	89
MIMAT0006789	hsa-miR-1468	92	72	81	65
MIMAT0006789	hsa-miR-1468	72	80	57	56
MIMAT0007347	hsa-miR-1469	112	265	336	249
MIMAT0007347	hsa-miR-1469	237	235	349	196
MIMAT0000449	hsa-miR-146a	63	85	93	63
MIMAT0000449	hsa-miR-146a	55	87	53	113
MIMAT0004608	hsa-miR-146a*	60	58	70	65
MIMAT0004608	hsa-miR-146a*	90	58	77	86
MIMAT0004766	hsa-miR-146b-3p	86	59	87	84
MIMAT0004766	hsa-miR-146b-3p	52	52	68	83
MIMAT0002809	hsa-miR-146b-5p	101	121	65	64
MIMAT0002809	hsa-miR-146b-5p	89	85	62	81
MIMAT0000251	hsa-miR-147	93	125	60	69
MIMAT0000251	hsa-miR-147	95	65	99	84
MIMAT0007348	hsa-miR-1470	68	93	74	82
MIMAT0007348	hsa-miR-1470	104	115	136	122
MIMAT0007349	hsa-miR-1471	72	125	72	71
MIMAT0007349	hsa-miR-1471	112	110	76	81
MIMAT0004928	hsa-miR-147b	67	84	96	71
MIMAT0004928	hsa-miR-147b	88	74	39	81
MIMAT0000243	hsa-miR-148a	72	155	108	88
MIMAT0000243	hsa-miR-148a	87	153	82	91
MIMAT00004549	hsa-miR-148a*	42	89	87	95
MIMAT00004549	hsa-miR-148a*	56	51	56	88

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Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0000759	hsa-miR-148b	189	107	92	68
MIMAT0000759	hsa-miR-148b	163	112	95	57
MIMAT0004699	hsa-miR-148b*	66	77	50	42
MIMAT0004699	hsa-miR-148b*	66	38	73	107
MIMAT0000450	hsa-miR-149	169	309	411	219
MIMAT0000450	hsa-miR-149	204	266	347	233
MIMAT0004609	hsa-miR-149*	259	416	313	399
MIMAT0004609	hsa-miR-149*	363	334	320	425
MIMAT0000451	hsa-miR-150	123	55	92	68
MIMAT0000451	hsa-miR-150	74	55	94	59
MIMAT0004610	hsa-miR-150*	111	89	74	100
MIMAT0004610	hsa-miR-150*	68	84	92	74
MIMAT0000757	hsa-miR-151-3p	145	152	103	97
MIMAT0000757	hsa-miR-151-3p	206	186	121	97
MIMAT0004697	hsa-miR-151-5p	284	407	197	182
MIMAT0004697	hsa-miR-151-5p	331	478	254	187
MIMAT0000438	hsa-miR-152	60	141	110	59
MIMAT0000438	hsa-miR-152	61	141	52	91
MIMAT0000439	hsa-miR-153	75	115	75	72
MIMAT0000439	hsa-miR-153	22	59	80	86
MIMAT0007399	hsa-miR-1537	112	59	64	67
MIMAT0007399	hsa-miR-1537	80	99	66	100
MIMAT0007400	hsa-miR-1538	79	82	82	107
MIMAT0007400	hsa-miR-1538	81	123	94	103
MIMAT0007401	hsa-miR-1539	83	74	76	97
MIMAT0007401	hsa-miR-1539	103	73	84	57
MIMAT0000452	hsa-miR-154	44	72	89	76
MIMAT0000452	hsa-miR-154	74	99	108	68
MIMAT0000453	hsa-miR-154*	71	83	107	41
MIMAT0000453	hsa-miR-154*	86	69	60	93
MIMAT0000646	hsa-miR-155	142	520	92	70
MIMAT0000646	hsa-miR-155	66	390	58	36
MIMAT0004658	hsa-miR-155*	109	93	58	69
MIMAT0004658	hsa-miR-155*	62	96	91	78
MIMAT0000068	hsa-miR-15a	234	404	115	71
MIMAT0000068	hsa-miR-15a	303	450	97	84
MIMAT0004488	hsa-miR-15a*	69	89	79	55
MIMAT0004488	hsa-miR-15a*	80	81	61	94
MIMAT0000417	hsa-miR-15b	976	1417	889	1188
MIMAT0000417	hsa-miR-15b	993	982	797	1315
MIMAT0004586	hsa-miR-15b*	65	90	84	91
MIMAT0004586	hsa-miR-15b*	132	66	94	112
MIMAT0000069	hsa-miR-16	1729	3277	634	478
MIMAT0000069	hsa-miR-16	2195	3299	486	398
MIMAT0004489	hsa-miR-16-1*	88	100	99	58
MIMAT0004489	hsa-miR-16-1*	108	81	86	90
MIMAT0004518	hsa-miR-16-2*	83	167	71	117
MIMAT0004518	hsa-miR-16-2*	85	75	108	65
MIMAT0000070	hsa-miR-17	2057	2485	189	335
MIMAT0000070	hsa-miR-17	1509	1501	235	400
MIMAT0000071	hsa-miR-17*	124	85	58	56
MIMAT0000071	hsa-miR-17*	115	167	79	73
MIMAT0000256	hsa-miR-181a	86	510	80	89
MIMAT0000256	hsa-miR-181a	149	632	90	104
MIMAT0004558	hsa-miR-181a-2*	64	170	131	44
MIMAT0004558	hsa-miR-181a-2*	120	219	66	79
MIMAT0000270	hsa-miR-181a*	80	99	122	102
MIMAT0000270	hsa-miR-181a*	90	116	75	66
MIMAT0000257	hsa-miR-181b	99	333	71	47
MIMAT0000257	hsa-miR-181b	121	297	105	164
MIMAT0000258	hsa-miR-181c	79	121	64	171
MIMAT0000258	hsa-miR-181c	117	181	69	98
MIMAT0004559	hsa-miR-181c*	88	73	143	89
MIMAT0004559	hsa-miR-181c*	32	76	66	40
MIMAT0002821	hsa-miR-181d	65	161	47	67
MIMAT0002821	hsa-miR-181d	108	249	87	77
MIMAT0000259	hsa-miR-182	528	573	177	118
MIMAT0000259	hsa-miR-182	553	424	122	114

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Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0000260	hsa-miR-182*	98	200	106	100
MIMAT0000260	hsa-miR-182*	98	229	108	82
MIMAT00006765	hsa-miR-1825	90	99	84	68
MIMAT00006765	hsa-miR-1825	70	87	74	74
MIMAT00006766	hsa-miR-1826	44919	49047	65228	65468
MIMAT00006766	hsa-miR-1826	65483	65480	65467	65475
MIMAT00006767	hsa-miR-1827	85	101	50	90
MIMAT00006767	hsa-miR-1827	55	103	85	42
MIMAT0000261	hsa-miR-183	137	179	47	130
MIMAT0000261	hsa-miR-183	163	267	107	50
MIMAT0004560	hsa-miR-183*	96	50	55	71
MIMAT0004560	hsa-miR-183*	91	78	73	74
MIMAT0000454	hsa-miR-184	48	45	71	90
MIMAT0000454	hsa-miR-184	89	77	53	63
MIMAT0000455	hsa-miR-185	170	567	113	106
MIMAT0000455	hsa-miR-185	163	451	78	80
MIMAT0004611	hsa-miR-185*	44	97	80	91
MIMAT0004611	hsa-miR-185*	76	104	78	69
MIMAT0000456	hsa-miR-186	107	189	90	56
MIMAT0000456	hsa-miR-186	97	200	108	97
MIMAT0004612	hsa-miR-186*	110	100	86	74
MIMAT0004612	hsa-miR-186*	74	83	90	71
MIMAT0000262	hsa-miR-187	42	126	51	88
MIMAT0000262	hsa-miR-187	81	70	108	64
MIMAT0004561	hsa-miR-187*	1019	1439	127	241
MIMAT0004561	hsa-miR-187*	798	1115	181	160
MIMAT0004613	hsa-miR-188-3p	82	73	79	86
MIMAT0004613	hsa-miR-188-3p	63	145	102	97
MIMAT0000457	hsa-miR-188-5p	47	57	77	103
MIMAT0000457	hsa-miR-188-5p	61	89	115	76
MIMAT0000072	hsa-miR-18a	265	403	101	77
MIMAT0000072	hsa-miR-18a	320	381	73	79
MIMAT0002891	hsa-miR-18a*	102	131	141	100
MIMAT0002891	hsa-miR-18a*	96	143	65	100
MIMAT0001412	hsa-miR-18b	142	270	56	81
MIMAT0001412	hsa-miR-18b	289	357	35	80
MIMAT0004751	hsa-miR-18b*	51	67	63	26
MIMAT0004751	hsa-miR-18b*	45	73	96	99
MIMAT0000458	hsa-miR-190	57	34	66	72
MIMAT0000458	hsa-miR-190	49	86	64	68
MIMAT0007881	hsa-miR-1908	266	499	599	376
MIMAT0007881	hsa-miR-1908	343	484	477	404
MIMAT0007883	hsa-miR-1909	181	182	198	141
MIMAT0007883	hsa-miR-1909	169	163	90	165
MIMAT0007882	hsa-miR-1909*	107	109	66	74
MIMAT0007882	hsa-miR-1909*	73	88	55	90
MIMAT0004929	hsa-miR-190b	58	78	62	85
MIMAT0004929	hsa-miR-190b	92	79	79	87
MIMAT0000440	hsa-miR-191	760	732	655	488
MIMAT0000440	hsa-miR-191	766	632	681	408
MIMAT0001618	hsa-miR-191*	61	75	90	42
MIMAT0001618	hsa-miR-191*	64	89	105	46
MIMAT0007884	hsa-miR-1910	120	132	88	130
MIMAT0007884	hsa-miR-1910	74	108	107	96
MIMAT0007885	hsa-miR-1911	62	79	101	111
MIMAT0007885	hsa-miR-1911	77	85	111	50
MIMAT0007886	hsa-miR-1911*	80	93	96	39
MIMAT0007886	hsa-miR-1911*	124	111	54	67
MIMAT0007887	hsa-miR-1912	106	90	69	71
MIMAT0007887	hsa-miR-1912	58	81	80	95
MIMAT0007888	hsa-miR-1913	272	257	156	128
MIMAT0007888	hsa-miR-1913	242	286	189	138
MIMAT0007889	hsa-miR-1914	73	68	50	53
MIMAT0007889	hsa-miR-1914	103	65	98	77
MIMAT0007890	hsa-miR-1914*	72	56	76	92
MIMAT0007890	hsa-miR-1914*	63	106	102	91
MIMAT0007892	hsa-miR-1915	52	125	116	142
MIMAT0007892	hsa-miR-1915	98	118	111	151

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Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0007891	hsa-miR-1915*	68	42	53	73
MIMAT0007891	hsa-miR-1915*	31	44	72	72
MIMAT0000222	hsa-miR-192	91	179	97	89
MIMAT0000222	hsa-miR-192	121	150	111	146
MIMAT0004543	hsa-miR-192*	83	63	75	98
MIMAT0004543	hsa-miR-192*	83	59	71	62
MIMAT0000459	hsa-miR-193a-3p	101	422	84	111
MIMAT0000459	hsa-miR-193a-3p	67	434	75	118
MIMAT0004614	hsa-miR-193a-5p	84	84	112	66
MIMAT0004614	hsa-miR-193a-5p	71	84	98	82
MIMAT0002819	hsa-miR-193b	292	326	283	230
MIMAT0002819	hsa-miR-193b	310	562	350	313
MIMAT0004767	hsa-miR-193b*	85	84	50	106
MIMAT0004767	hsa-miR-193b*	102	97	102	107
MIMAT0000460	hsa-miR-194	102	119	59	43
MIMAT0000460	hsa-miR-194	90	176	73	64
MIMAT0004671	hsa-miR-194*	60	106	87	123
MIMAT0004671	hsa-miR-194*	93	141	118	80
MIMAT0000461	hsa-miR-195	126	142	85	110
MIMAT0000461	hsa-miR-195	100	150	93	92
MIMAT0004615	hsa-miR-195*	74	43	86	89
MIMAT0004615	hsa-miR-195*	91	73	97	138
MIMAT0000226	hsa-miR-196a	61	96	113	74
MIMAT0000226	hsa-miR-196a	88	80	73	65
MIMAT0004562	hsa-miR-196a*	68	86	78	67
MIMAT0004562	hsa-miR-196a*	40	51	75	123
MIMAT0001080	hsa-miR-196b	46	237	73	50
MIMAT0001080	hsa-miR-196b	78	297	61	62
MIMAT0000227	hsa-miR-197	64	82	108	109
MIMAT0000227	hsa-miR-197	93	109	114	134
MIMAT0000228	hsa-miR-198	50	101	56	81
MIMAT0000228	hsa-miR-198	79	94	71	72
MIMAT0000232	hsa-miR-199a-3p	74	88	58	40
MIMAT0000232	hsa-miR-199a-3p	101	75	101	65
MIMAT0000231	hsa-miR-199a-5p	70	58	119	83
MIMAT0000231	hsa-miR-199a-5p	57	111	82	66
MIMAT0000232	hsa-miR-199b-3p	62	74	76	75
MIMAT0000232	hsa-miR-199b-3p	65	73	76	53
MIMAT0000263	hsa-miR-199b-5p	76	65	65	131
MIMAT0000263	hsa-miR-199b-5p	87	39	87	79
MIMAT0000073	hsa-miR-19a	901	1146	129	59
MIMAT0000073	hsa-miR-19a	1249	1264	78	104
MIMAT0004490	hsa-miR-19a*	66	92	100	92
MIMAT0004490	hsa-miR-19a*	47	116	97	73
MIMAT0000074	hsa-miR-19b	3224	3846	163	177
MIMAT0000074	hsa-miR-19b	3129	3412	147	196
MIMAT0004491	hsa-miR-19b-1*	82	131	82	80
MIMAT0004491	hsa-miR-19b-1*	92	121	64	64
MIMAT0004492	hsa-miR-19b-2*	84	76	84	92
MIMAT0004492	hsa-miR-19b-2*	78	40	71	70
MIMAT0000682	hsa-miR-200a	1017	960	108	149
MIMAT0000682	hsa-miR-200a	1142	1156	83	167
MIMAT0001620	hsa-miR-200a*	78	78	82	51
MIMAT0001620	hsa-miR-200a*	70	82	90	79
MIMAT0000318	hsa-miR-200b	1480	1444	709	1111
MIMAT0000318	hsa-miR-200b	1476	1055	855	1054
MIMAT0004571	hsa-miR-200b*	81	103	97	34
MIMAT0004571	hsa-miR-200b*	115	86	86	85
MIMAT0000617	hsa-miR-200c	3588	2579	2767	2192
MIMAT0000617	hsa-miR-200c	3087	2280	2670	2245
MIMAT0004657	hsa-miR-200c*	115	97	87	72
MIMAT0004657	hsa-miR-200c*	80	107	93	100
MIMAT0002811	hsa-miR-202	84	71	93	78
MIMAT0002811	hsa-miR-202	123	74	82	77
MIMAT0002810	hsa-miR-202*	67	98	64	85
MIMAT0002810	hsa-miR-202*	74	87	82	90
MIMAT0000264	hsa-miR-203	498	533	561	222
MIMAT0000264	hsa-miR-203	651	510	727	294

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Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0000265	hsa-miR-204	55	56	62	64
MIMAT0000265	hsa-miR-204	106	87	67	67
MIMAT0000266	hsa-miR-205	8325	2044	10175	9960
MIMAT0000266	hsa-miR-205	9712	2462	15466	15075
MIMAT0000462	hsa-miR-206	73	68	72	80
MIMAT0000462	hsa-miR-206	72	102	81	109
MIMAT0000241	hsa-miR-208a	68	100	127	123
MIMAT0000241	hsa-miR-208a	88	59	93	90
MIMAT0004960	hsa-miR-208b	58	70	60	54
MIMAT0004960	hsa-miR-208b	86	71	51	51
MIMAT0000075	hsa-miR-20a	1594	1600	122	100
MIMAT0000075	hsa-miR-20a	1919	1806	148	155
MIMAT0004493	hsa-miR-20a*	157	171	68	71
MIMAT0004493	hsa-miR-20a*	156	186	95	89
MIMAT0001413	hsa-miR-20b	1052	1138	95	141
MIMAT0001413	hsa-miR-20b	1356	1226	144	208
MIMAT0004752	hsa-miR-20b*	66	93	92	114
MIMAT0004752	hsa-miR-20b*	71	130	115	73
MIMAT0000076	hsa-miR-21	2721	7365	180	101
MIMAT0000076	hsa-miR-21	3673	9465	261	125
MIMAT0004494	hsa-miR-21*	95	167	38	70
MIMAT0004494	hsa-miR-21*	136	181	116	69
MIMAT0000267	hsa-miR-210	169	402	110	144
MIMAT0000267	hsa-miR-210	243	268	103	160
MIMAT0000268	hsa-miR-211	66	79	103	90
MIMAT0000268	hsa-miR-211	97	113	58	60
MIMAT0000269	hsa-miR-212	88	96	73	70
MIMAT0000269	hsa-miR-212	72	114	65	113
MIMAT0000271	hsa-miR-214	84	81	72	125
MIMAT0000271	hsa-miR-214	107	100	120	77
MIMAT0004564	hsa-miR-214*	41	72	47	58
MIMAT0004564	hsa-miR-214*	46	90	63	65
MIMAT0000272	hsa-miR-215	121	87	122	51
MIMAT0000272	hsa-miR-215	78	152	68	81
MIMAT0000273	hsa-miR-216a	73	115	76	88
MIMAT0000273	hsa-miR-216a	72	65	96	55
MIMAT0004959	hsa-miR-216b	51	34	82	70
MIMAT0004959	hsa-miR-216b	55	78	67	22
MIMAT0000274	hsa-miR-217	103	101	113	108
MIMAT0000274	hsa-miR-217	94	79	37	83
MIMAT0000275	hsa-miR-218	55	111	118	88
MIMAT0000275	hsa-miR-218	109	103	52	80
MIMAT0004565	hsa-miR-218-1*	63	99	73	57
MIMAT0004565	hsa-miR-218-1*	76	111	67	68
MIMAT0004566	hsa-miR-218-2*	55	58	62	60
MIMAT0004566	hsa-miR-218-2*	57	117	65	54
MIMAT0004567	hsa-miR-219-1-3p	56	70	54	110
MIMAT0004567	hsa-miR-219-1-3p	80	65	89	40
MIMAT0004675	hsa-miR-219-2-3p	119	107	87	88
MIMAT0004675	hsa-miR-219-2-3p	47	68	103	99
MIMAT0000276	hsa-miR-219-5p	87	80	54	88
MIMAT0000276	hsa-miR-219-5p	108	86	34	41
MIMAT0000077	hsa-miR-22	711	3181	285	214
MIMAT0000077	hsa-miR-22	918	3005	281	199
MIMAT0004495	hsa-miR-22*	37	181	105	86
MIMAT0004495	hsa-miR-22*	51	195	66	80
MIMAT0000277	hsa-miR-220a	117	97	89	61
MIMAT0000277	hsa-miR-220a	109	106	70	61
MIMAT0004908	hsa-miR-220b	87	136	103	60
MIMAT0004908	hsa-miR-220b	122	118	60	72
MIMAT0004915	hsa-miR-220c	55	79	65	76
MIMAT0004915	hsa-miR-220c	70	66	129	102
MIMAT0000278	hsa-miR-221	1109	2313	311	278
MIMAT0000278	hsa-miR-221	1146	1812	310	262
MIMAT0004568	hsa-miR-221*	116	161	78	77
MIMAT0004568	hsa-miR-221*	84	100	97	83
MIMAT0000279	hsa-miR-222	667	1269	382	267
MIMAT0000279	hsa-miR-222	673	1179	330	259

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.						
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960	
MIMAT0004569	hsa-miR-222*	125	153	126	123	
MIMAT0004569	hsa-miR-222*	110	130	92	47	
MIMAT0000280	hsa-miR-223	83	89	86	109	
MIMAT0000280	hsa-miR-223	62	84	84	93	
MIMAT0004570	hsa-miR-223*	93	59	60	58	
MIMAT0004570	hsa-miR-223*	65	42	62	108	
MIMAT0000281	hsa-miR-224	108	256	364	174	
MIMAT0000281	hsa-miR-224	50	207	320	146	
MIMAT0000078	hsa-miR-23a	5730	10572	4114	2967	
MIMAT0000078	hsa-miR-23a	6602	9280	5138	3579	
MIMAT0004496	hsa-miR-23a*	62	73	41	62	
MIMAT0004496	hsa-miR-23a*	85	91	81	98	
MIMAT0000418	hsa-miR-23b	7608	10249	5792	3910	
MIMAT0000418	hsa-miR-23b	7733	11258	5076	3050	
MIMAT0004587	hsa-miR-23b*	70	53	75	71	
MIMAT0004587	hsa-miR-23b*	62	44	84	77	
MIMAT0000080	hsa-miR-24	2394	5039	1097	795	
MIMAT0000080	hsa-miR-24	3079	5588	1175	1052	
MIMAT0000079	hsa-miR-24-1*	46	91	46	75	
MIMAT0000079	hsa-miR-24-1*	99	94	88	99	
MIMAT0004497	hsa-miR-24-2*	116	195	86	58	
MIMAT0004497	hsa-miR-24-2*	88	178	99	60	
MIMAT0000081	hsa-miR-25	687	438	265	520	
MIMAT0000081	hsa-miR-25	834	653	266	819	
MIMAT0004498	hsa-miR-25*	93	84	87	114	
MIMAT0004498	hsa-miR-25*	92	88	104	88	
MIMAT0000082	hsa-miR-26a	776	1317	336	276	
MIMAT0000082	hsa-miR-26a	1168	1590	437	355	
MIMAT0004499	hsa-miR-26a-1*	51	74	91	83	
MIMAT0004499	hsa-miR-26a-1*	41	82	84	59	
MIMAT0004681	hsa-miR-26a-2*	89	97	101	64	
MIMAT0004681	hsa-miR-26a-2*	77	96	81	76	
MIMAT0000083	hsa-miR-26b	174	328	94	109	
MIMAT0000083	hsa-miR-26b	304	407	107	76	
MIMAT0004500	hsa-miR-26b*	75	127	42	75	
MIMAT0004500	hsa-miR-26b*	120	82	102	78	
MIMAT0000084	hsa-miR-27a	2559	3826	322	304	
MIMAT0000084	hsa-miR-27a	3040	4564	451	453	
MIMAT0004501	hsa-miR-27a*	68	92	57	107	
MIMAT0004501	hsa-miR-27a*	56	102	81	65	
MIMAT0000419	hsa-miR-27b	1360	1424	325	243	
MIMAT0000419	hsa-miR-27b	1257	1398	286	248	
MIMAT0004588	hsa-miR-27b*	119	86	71	93	
MIMAT0004588	hsa-miR-27b*	115	92	79	121	
MIMAT0004502	hsa-miR-28-3p	73	87	105	84	
MIMAT0004502	hsa-miR-28-3p	110	133	95	77	
MIMAT0000085	hsa-miR-28-3p	146	331	161	153	
MIMAT0000085	hsa-miR-28-3p	268	341	155	241	
MIMAT0004679	hsa-miR-296-3p	50	83	81	82	
MIMAT0004679	hsa-miR-296-3p	61	79	79	105	
MIMAT0000690	hsa-miR-296-5p	179	233	144	148	
MIMAT0000690	hsa-miR-296-5p	102	175	151	116	
MIMAT0004450	hsa-miR-297	69	97	101	124	
MIMAT0004450	hsa-miR-297	112	78	69	64	
MIMAT0004901	hsa-miR-298	60	45	62	26	
MIMAT0004901	hsa-miR-298	37	93	69	90	
MIMAT0000687	hsa-miR-299-3p	93	125	93	95	
MIMAT0000687	hsa-miR-299-3p	82	98	94	140	
MIMAT0002890	hsa-miR-299-5p	88	85	95	57	
MIMAT0002890	hsa-miR-299-5p	61	108	67	78	
MIMAT0000086	hsa-miR-29a	379	3001	148	70	
MIMAT0000086	hsa-miR-29a	551	3698	100	115	
MIMAT0004503	hsa-miR-29a*	38	65	58	96	
MIMAT0004503	hsa-miR-29a*	65	70	69	54	
MIMAT0000100	hsa-miR-29b	185	1392	70	80	
MIMAT0000100	hsa-miR-29b	367	1973	67	55	
MIMAT0004514	hsa-miR-29b-1*	68	111	71	45	
MIMAT0004514	hsa-miR-29b-1*	44	93	58	82	

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.						
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960	
MIMAT0004515	hsa-miR-29b-2*	51	86	104		66
MIMAT0004515	hsa-miR-29b-2*	37	52	53		63
MIMAT000681	hsa-miR-29c	92	254	61		55
MIMAT000681	hsa-miR-29c	79	208	68		91
MIMAT0004673	hsa-miR-29a*	73	79	113		92
MIMAT0004673	hsa-miR-29a*	89	107	89		115
MIMAT0004903	hsa-miR-300	76	102	93		66
MIMAT0004903	hsa-miR-300	60	102	35		83
MIMAT000688	hsa-miR-301a	295	803	22		41
MIMAT000688	hsa-miR-301a	365	731	99		65
MIMAT0004958	hsa-miR-301b	83	280	89		61
MIMAT0004958	hsa-miR-301b	76	220	59		50
MIMAT000684	hsa-miR-302a	83	77	60		76
MIMAT000684	hsa-miR-302a	111	74	96		99
MIMAT000683	hsa-miR-302a*	41	75	69		77
MIMAT000683	hsa-miR-302a*	64	74	68		52
MIMAT000715	hsa-miR-302b	68	90	86		67
MIMAT000715	hsa-miR-302b	80	86	99		152
MIMAT000714	hsa-miR-302b*	52	79	77		59
MIMAT000714	hsa-miR-302b*	92	100	92		50
MIMAT000717	hsa-miR-302c	88	91	90		76
MIMAT000717	hsa-miR-302c	60	71	67		57
MIMAT000716	hsa-miR-302c*	57	82	55		80
MIMAT000716	hsa-miR-302c*	76	66	47		53
MIMAT000718	hsa-miR-302d	97	64	88		91
MIMAT000718	hsa-miR-302d	78	59	119		142
MIMAT0004685	hsa-miR-302d*	89	87	55		75
MIMAT0004685	hsa-miR-302d*	36	71	44		83
MIMAT0005931	hsa-miR-302e	31	69	92		45
MIMAT0005931	hsa-miR-302e	41	59	76		86
MIMAT0005932	hsa-miR-302f	132	88	96		62
MIMAT0005932	hsa-miR-302f	75	66	83		48
MIMAT0000087	hsa-miR-30a	391	1024	136		132
MIMAT0000087	hsa-miR-30a	561	1403	140		132
MIMAT0000088	hsa-miR-30a*	90	122	90		63
MIMAT0000088	hsa-miR-30a*	135	175	77		59
MIMAT0000420	hsa-miR-30b	632	871	198		210
MIMAT0000420	hsa-miR-30b	587	986	298		227
MIMAT0004589	hsa-miR-30b*	68	87	38		115
MIMAT0004589	hsa-miR-30b*	97	103	116		114
MIMAT0000244	hsa-miR-30c	826	1148	471		437
MIMAT0000244	hsa-miR-30c	892	1337	610		547
MIMAT0004674	hsa-miR-30c-1*	64	103	67		72
MIMAT0004674	hsa-miR-30c-1*	95	69	72		68
MIMAT0004550	hsa-miR-30c-2*	77	85	67		78
MIMAT0004550	hsa-miR-30c-2*	77	85	82		64
MIMAT0000245	hsa-miR-30d	451	1318	224		218
MIMAT0000245	hsa-miR-30d	709	1249	198		420
MIMAT0004551	hsa-miR-30d*	93	45	74		67
MIMAT0004551	hsa-miR-30d*	56	97	71		73
MIMAT0000692	hsa-miR-30e	463	462	74		67
MIMAT0000692	hsa-miR-30e	601	670	83		40
MIMAT0000693	hsa-miR-30e*	163	305	148		74
MIMAT0000693	hsa-miR-30e*	171	293	93		131
MIMAT0000089	hsa-miR-31	6759	964	376		1669
MIMAT0000089	hsa-miR-31	8509	2312	386		1541
MIMAT0004504	hsa-miR-31*	440	173	72		139
MIMAT0004504	hsa-miR-31*	572	168	87		113
MIMAT0000090	hsa-miR-32	59	94	70		63
MIMAT0000090	hsa-miR-32	50	144	65		81
MIMAT0004505	hsa-miR-32*	54	69	92		54
MIMAT0004505	hsa-miR-32*	77	87	77		91
MIMAT0000510	hsa-miR-320a	312	380	372		368
MIMAT0000510	hsa-miR-320a	277	400	391		358
MIMAT0005792	hsa-miR-320b	264	252	322		334
MIMAT0005792	hsa-miR-320b	290	299	323		268
MIMAT0005793	hsa-miR-320c	285	259	292		288
MIMAT0005793	hsa-miR-320c	217	249	305		234

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.						
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960	
MIMAT0006764	hsa-miR-320d	191	222	324	311	
MIMAT0006764	hsa-miR-320d	305	258	303	437	
MIMAT0000755	hsa-miR-323-3p	61	69	93	70	
MIMAT0000755	hsa-miR-323-3p	109	66	104	93	
MIMAT0004696	hsa-miR-323-5p	83	88	90	85	
MIMAT0004696	hsa-miR-323-5p	101	76	92	77	
MIMAT0000762	hsa-miR-324-3p	96	120	121	43	
MIMAT0000762	hsa-miR-324-3p	127	88	104	87	
MIMAT0000761	hsa-miR-324-5p	102	124	54	60	
MIMAT0000761	hsa-miR-324-5p	85	155	90	85	
MIMAT0000771	hsa-miR-325	78	22	51	52	
MIMAT0000771	hsa-miR-325	55	81	59	69	
MIMAT0000756	hsa-miR-326	81	97	95	116	
MIMAT0000756	hsa-miR-326	74	105	92	137	
MIMAT0000752	hsa-miR-328	97	87	77	74	
MIMAT0000752	hsa-miR-328	123	123	91	66	
MIMAT0001629	hsa-miR-329	37	91	92	70	
MIMAT0001629	hsa-miR-329	78	77	106	52	
MIMAT0000751	hsa-miR-330-3p	88	132	110	98	
MIMAT0000751	hsa-miR-330-3p	150	138	123	94	
MIMAT0004693	hsa-miR-330-5p	99	132	69	78	
MIMAT0004693	hsa-miR-330-5p	86	68	65	43	
MIMAT0000760	hsa-miR-331-3p	79	160	99	108	
MIMAT0000760	hsa-miR-331-3p	121	161	171	103	
MIMAT0004700	hsa-miR-331-5p	77	95	44	29	
MIMAT0004700	hsa-miR-331-5p	105	68	66	73	
MIMAT0000765	hsa-miR-335	120	168	78	50	
MIMAT0000765	hsa-miR-335	113	190	76	95	
MIMAT0004703	hsa-miR-335*	83	71	61	43	
MIMAT0004703	hsa-miR-335*	111	108	104	75	
MIMAT0000754	hsa-miR-337-3p	71	94	87	72	
MIMAT0000754	hsa-miR-337-3p	83	67	86	81	
MIMAT0004695	hsa-miR-337-5p	55	69	113	83	
MIMAT0004695	hsa-miR-337-5p	62	118	69	48	
MIMAT0000763	hsa-miR-338-3p	52	67	72	50	
MIMAT0000763	hsa-miR-338-3p	68	77	80	83	
MIMAT0004701	hsa-miR-338-5p	55	72	58	30	
MIMAT0004701	hsa-miR-338-5p	64	92	94	44	
MIMAT0004702	hsa-miR-339-3p	33	127	65	23	
MIMAT0004702	hsa-miR-339-3p	56	154	97	85	
MIMAT0000764	hsa-miR-339-5p	79	176	114	157	
MIMAT0000764	hsa-miR-339-5p	120	187	118	135	
MIMAT0000091	hsa-miR-33a	44	50	57	45	
MIMAT0000091	hsa-miR-33a	40	77	92	64	
MIMAT0004506	hsa-miR-33a*	58	90	117	41	
MIMAT0004506	hsa-miR-33a*	34	112	78	71	
MIMAT0003301	hsa-miR-33b	64	42	62	97	
MIMAT0003301	hsa-miR-33b	65	66	92	60	
MIMAT0004811	hsa-miR-33b*	74	62	59	102	
MIMAT0004811	hsa-miR-33b*	83	123	55	73	
MIMAT0004692	hsa-miR-340	58	93	72	88	
MIMAT0004692	hsa-miR-340	45	61	92	47	
MIMAT0000750	hsa-miR-340*	61	79	84	73	
MIMAT0000750	hsa-miR-340*	99	66	74	57	
MIMAT0000753	hsa-miR-342-3p	157	167	170	132	
MIMAT0000753	hsa-miR-342-3p	162	279	314	187	
MIMAT0004694	hsa-miR-342-5p	92	35	79	30	
MIMAT0004694	hsa-miR-342-5p	79	84	59	46	
MIMAT0000772	hsa-miR-345	59	79	56	47	
MIMAT0000772	hsa-miR-345	90	92	55	51	
MIMAT0000773	hsa-miR-346	55	91	60	66	
MIMAT0000773	hsa-miR-346	110	116	93	66	
MIMAT0000255	hsa-miR-34a	50	128	83	113	
MIMAT0000255	hsa-miR-34a	113	125	64	57	
MIMAT0004557	hsa-miR-34a*	60	89	82	63	
MIMAT0004557	hsa-miR-34a*	74	94	110	47	
MIMAT0004676	hsa-miR-34b	63	74	58	96	
MIMAT0004676	hsa-miR-34b	66	103	71	152	

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT000685	hsa-miR-34b*	80	61	58	57
MIMAT000685	hsa-miR-34b*	105	79	57	95
MIMAT0004677	hsa-miR-34c-3p	48	95	70	65
MIMAT0004677	hsa-miR-34c-3p	85	43	82	95
MIMAT000686	hsa-miR-34c-5p	57	70	78	72
MIMAT000686	hsa-miR-34c-5p	41	64	66	37
MIMAT0004682	hsa-miR-361-3p	102	86	96	143
MIMAT0004682	hsa-miR-361-3p	61	104	66	134
MIMAT0000703	hsa-miR-361-5p	218	344	122	148
MIMAT0000703	hsa-miR-361-5p	156	387	188	128
MIMAT0004683	hsa-miR-362-3p	77	116	72	59
MIMAT0004683	hsa-miR-362-3p	96	38	67	64
MIMAT0000705	hsa-miR-362-5p	92	129	79	95
MIMAT0000705	hsa-miR-362-5p	141	101	104	63
MIMAT0000707	hsa-miR-363	87	44	133	46
MIMAT0000707	hsa-miR-363	164	111	95	49
MIMAT0003385	hsa-miR-363*	47	44	89	48
MIMAT0003385	hsa-miR-363*	65	56	82	94
MIMAT0000710	hsa-miR-365	148	340	189	178
MIMAT0000710	hsa-miR-365	142	265	245	248
MIMAT0000719	hsa-miR-367	80	52	78	87
MIMAT0000719	hsa-miR-367	116	104	81	130
MIMAT0004686	hsa-miR-367*	54	89	107	48
MIMAT0004686	hsa-miR-367*	57	72	87	72
MIMAT0000721	hsa-miR-369-3p	74	98	81	40
MIMAT0000721	hsa-miR-369-3p	50	66	74	41
MIMAT0001621	hsa-miR-369-5p	78	85	56	82
MIMAT0001621	hsa-miR-369-5p	111	54	107	77
MIMAT0000722	hsa-miR-370	81	126	108	101
MIMAT0000722	hsa-miR-370	76	123	118	101
MIMAT0000723	hsa-miR-371-3p	94	86	107	68
MIMAT0000723	hsa-miR-371-3p	92	104	44	66
MIMAT0004687	hsa-miR-371-5p	57	77	69	69
MIMAT0004687	hsa-miR-371-5p	89	71	103	71
MIMAT0000724	hsa-miR-372	45	64	54	96
MIMAT0000724	hsa-miR-372	95	82	92	80
MIMAT0000726	hsa-miR-373	105	95	93	114
MIMAT0000726	hsa-miR-373	60	58	99	84
MIMAT0000725	hsa-miR-373*	77	38	66	66
MIMAT0000725	hsa-miR-373*	74	51	117	110
MIMAT0000727	hsa-miR-374a	77	77	70	75
MIMAT0000727	hsa-miR-374a	92	99	56	95
MIMAT0004688	hsa-miR-374a*	64	72	68	57
MIMAT0004688	hsa-miR-374a*	70	112	64	73
MIMAT0004955	hsa-miR-374b	93	89	72	104
MIMAT0004955	hsa-miR-374b	116	117	91	107
MIMAT0004956	hsa-miR-374b*	58	101	106	65
MIMAT0004956	hsa-miR-374b*	64	93	114	75
MIMAT0000728	hsa-miR-375	62	70	121	44
MIMAT0000728	hsa-miR-375	73	120	56	43
MIMAT0000729	hsa-miR-376a	55	84	89	84
MIMAT0000729	hsa-miR-376a	76	122	102	77
MIMAT0003386	hsa-miR-376a*	37	68	85	95
MIMAT0003386	hsa-miR-376a*	85	95	72	61
MIMAT0002172	hsa-miR-376b	29	93	21	66
MIMAT0002172	hsa-miR-376b	98	66	63	113
MIMAT0000720	hsa-miR-376c	54	47	72	17
MIMAT0000720	hsa-miR-376c	81	53	111	71
MIMAT0000730	hsa-miR-377	44	78	49	58
MIMAT0000730	hsa-miR-377	108	70	65	76
MIMAT0004689	hsa-miR-377*	82	74	48	75
MIMAT0004689	hsa-miR-377*	61	49	70	40
MIMAT0000732	hsa-miR-378	880	215	214	185
MIMAT0000732	hsa-miR-378	815	215	262	179
MIMAT0000731	hsa-miR-378*	127	98	96	78
MIMAT0000731	hsa-miR-378*	88	82	94	62
MIMAT0000733	hsa-miR-379	56	59	70	102
MIMAT0000733	hsa-miR-379	86	82	75	59

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.						
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960	
MIMAT0004690	hsa-miR-379*	53	35	78	88	
MIMAT0004690	hsa-miR-379*	34	93	39	73	
MIMAT0000735	hsa-miR-380	79	58	75	36	
MIMAT0000735	hsa-miR-380	60	73	60	59	
MIMAT0000734	hsa-miR-380*	47	65	103	92	
MIMAT0000734	hsa-miR-380*	127	86	94	54	
MIMAT0000736	hsa-miR-381	102	116	74	88	
MIMAT0000736	hsa-miR-381	57	80	82	91	
MIMAT0000737	hsa-miR-382	57	61	73	99	
MIMAT0000737	hsa-miR-382	90	77	98	51	
MIMAT0000738	hsa-miR-383	100	61	67	67	
MIMAT0000738	hsa-miR-383	69	45	118	62	
MIMAT0001075	hsa-miR-384	45	61	26	45	
MIMAT0001075	hsa-miR-384	54	85	82	56	
MIMAT0001639	hsa-miR-409-3p	70	97	52	42	
MIMAT0001639	hsa-miR-409-3p	84	120	96	96	
MIMAT0001638	hsa-miR-409-5p	67	88	86	43	
MIMAT0001638	hsa-miR-409-5p	65	66	87	52	
MIMAT0002171	hsa-miR-410	54	110	59	83	
MIMAT0002171	hsa-miR-410	77	89	61	54	
MIMAT0003329	hsa-miR-411	52	102	57	53	
MIMAT0003329	hsa-miR-411	50	49	80	72	
MIMAT0004813	hsa-miR-411*	75	55	108	96	
MIMAT0004813	hsa-miR-411*	72	75	105	63	
MIMAT0002170	hsa-miR-412	58	71	83	26	
MIMAT0002170	hsa-miR-412	98	86	90	87	
MIMAT0003339	hsa-miR-421	101	82	53	48	
MIMAT0003339	hsa-miR-421	63	117	87	58	
MIMAT0001339	hsa-miR-422a	360	152	108	131	
MIMAT0001339	hsa-miR-422a	418	169	112	143	
MIMAT0001340	hsa-miR-423-3p	235	172	122	161	
MIMAT0001340	hsa-miR-423-3p	229	154	148	142	
MIMAT0004748	hsa-miR-423-5p	120	172	158	108	
MIMAT0004748	hsa-miR-423-5p	147	139	196	149	
MIMAT0001341	hsa-miR-424	76	194	69	28	
MIMAT0001341	hsa-miR-424	117	178	105	102	
MIMAT0004749	hsa-miR-424*	46	54	98	67	
MIMAT0004749	hsa-miR-424*	66	52	79	68	
MIMAT0003393	hsa-miR-425	444	345	220	263	
MIMAT0003393	hsa-miR-425	502	426	241	224	
MIMAT0001343	hsa-miR-425*	63	84	73	58	
MIMAT0001343	hsa-miR-425*	84	106	94	31	
MIMAT0001536	hsa-miR-429	117	132	56	54	
MIMAT0001536	hsa-miR-429	155	162	71	67	
MIMAT0001625	hsa-miR-431	62	96	112	93	
MIMAT0001625	hsa-miR-431	52	64	89	64	
MIMAT0004757	hsa-miR-431*	69	57	62	80	
MIMAT0004757	hsa-miR-431*	53	77	102	78	
MIMAT0002814	hsa-miR-432	23	58	77	69	
MIMAT0002814	hsa-miR-432	66	73	59	63	
MIMAT0002815	hsa-miR-432*	59	93	100	86	
MIMAT0002815	hsa-miR-432*	105	75	45	158	
MIMAT0001627	hsa-miR-433	68	90	102	69	
MIMAT0001627	hsa-miR-433	69	91	88	91	
MIMAT0001532	hsa-miR-448	55	85	61	65	
MIMAT0001532	hsa-miR-448	91	98	71	106	
MIMAT0001541	hsa-miR-449a	28	93	66	22	
MIMAT0001541	hsa-miR-449a	47	87	50	77	
MIMAT0003327	hsa-miR-449b	120	75	61	91	
MIMAT0003327	hsa-miR-449b	92	48	85	53	
MIMAT0001545	hsa-miR-450a	64	101	85	33	
MIMAT0001545	hsa-miR-450a	73	43	75	65	
MIMAT0004910	hsa-miR-450b-3p	88	40	86	90	
MIMAT0004910	hsa-miR-450b-3p	75	91	80	97	
MIMAT0004909	hsa-miR-450b-5p	67	76	33	93	
MIMAT0004909	hsa-miR-450b-5p	105	96	80	101	
MIMAT0001631	hsa-miR-451	75	90	70	43	
MIMAT0001631	hsa-miR-451	48	99	82	75	

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0001635	hsa-miR-452	69	134	102	82
MIMAT0001635	hsa-miR-452	83	162	96	82
MIMAT0001636	hsa-miR-452*	61	101	66	51
MIMAT0001636	hsa-miR-452*	64	95	122	69
MIMAT0001630	hsa-miR-453	55	68	63	78
MIMAT0001630	hsa-miR-453	95	74	40	90
MIMAT0003885	hsa-miR-454	86	129	60	62
MIMAT0003885	hsa-miR-454	152	186	75	55
MIMAT0003884	hsa-miR-454*	60	69	88	86
MIMAT0003884	hsa-miR-454*	111	117	65	63
MIMAT0004784	hsa-miR-455-3p	193	388	133	241
MIMAT0004784	hsa-miR-455-3p	307	459	220	382
MIMAT0003150	hsa-miR-455-5p	86	182	66	109
MIMAT0003150	hsa-miR-455-5p	90	134	27	48
MIMAT0002173	hsa-miR-483-3p	101	108	48	68
MIMAT0002173	hsa-miR-483-3p	70	90	67	64
MIMAT0004761	hsa-miR-483-5p	99	119	59	43
MIMAT0004761	hsa-miR-483-5p	75	84	98	116
MIMAT0002174	hsa-miR-484	111	71	114	152
MIMAT0002174	hsa-miR-484	205	139	85	174
MIMAT0002176	hsa-miR-485-3p	43	47	67	76
MIMAT0002176	hsa-miR-485-3p	63	89	81	92
MIMAT0002175	hsa-miR-485-5p	67	73	48	88
MIMAT0002175	hsa-miR-485-5p	51	34	60	71
MIMAT0004762	hsa-miR-486-3p	90	65	79	89
MIMAT0004762	hsa-miR-486-3p	121	110	73	109
MIMAT0002177	hsa-miR-486-5p	80	87	69	88
MIMAT0002177	hsa-miR-486-5p	146	93	111	82
MIMAT0002178	hsa-miR-487a	52	47	92	44
MIMAT0002178	hsa-miR-487a	93	59	69	116
MIMAT0003180	hsa-miR-487b	71	123	70	66
MIMAT0003180	hsa-miR-487b	129	172	68	52
MIMAT0004763	hsa-miR-488	97	100	101	62
MIMAT0004763	hsa-miR-488	71	81	79	112
MIMAT0002804	hsa-miR-488*	85	111	80	57
MIMAT0002804	hsa-miR-488*	43	116	104	84
MIMAT0002805	hsa-miR-489	43	64	85	71
MIMAT0002805	hsa-miR-489	53	94	40	75
MIMAT0002806	hsa-miR-490-3p	43	111	67	99
MIMAT0002806	hsa-miR-490-3p	68	101	83	105
MIMAT0004764	hsa-miR-490-5p	123	60	80	92
MIMAT0004764	hsa-miR-490-5p	72	96	48	69
MIMAT0004765	hsa-miR-491-3p	56	99	64	86
MIMAT0004765	hsa-miR-491-3p	48	68	67	36
MIMAT0002807	hsa-miR-491-5p	90	94	107	123
MIMAT0002807	hsa-miR-491-5p	122	120	65	110
MIMAT0002812	hsa-miR-492	70	91	102	41
MIMAT0002812	hsa-miR-492	74	84	108	82
MIMAT0003161	hsa-miR-493	85	102	20	58
MIMAT0003161	hsa-miR-493	58	107	69	78
MIMAT0002813	hsa-miR-493*	77	55	91	91
MIMAT0002813	hsa-miR-493*	87	106	60	99
MIMAT0002816	hsa-miR-494	678	748	515	393
MIMAT0002816	hsa-miR-494	893	796	572	647
MIMAT0002817	hsa-miR-495	94	50	37	95
MIMAT0002817	hsa-miR-495	71	55	70	59
MIMAT0002818	hsa-miR-496	78	77	75	48
MIMAT0002818	hsa-miR-496	66	98	42	63
MIMAT0002820	hsa-miR-497	59	70	63	90
MIMAT0002820	hsa-miR-497	50	115	96	79
MIMAT0004768	hsa-miR-497*	66	58	96	63
MIMAT0004768	hsa-miR-497*	84	57	61	67
MIMAT0002824	hsa-miR-498	65	56	54	65
MIMAT0002824	hsa-miR-498	51	75	115	62
MIMAT0004772	hsa-miR-499-3p	97	107	48	78
MIMAT0004772	hsa-miR-499-3p	64	99	90	90
MIMAT0002870	hsa-miR-499-5p	77	70	76	67
MIMAT0002870	hsa-miR-499-5p	49	57	65	88

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0004773	hsa-miR-500	71	88	95	95
MIMAT0004773	hsa-miR-500	83	94	49	73
MIMAT0002871	hsa-miR-500*	90	50	89	97
MIMAT0002871	hsa-miR-500*	102	50	76	70
MIMAT0004774	hsa-miR-501-3p	75	92	113	90
MIMAT0004774	hsa-miR-501-3p	61	114	87	115
MIMAT0002872	hsa-miR-501-5p	48	59	53	72
MIMAT0002872	hsa-miR-501-5p	49	78	79	36
MIMAT0004775	hsa-miR-502-3p	69	58	48	81
MIMAT0004775	hsa-miR-502-3p	111	58	91	64
MIMAT0002873	hsa-miR-502-5p	45	85	80	59
MIMAT0002873	hsa-miR-502-5p	46	52	78	26
MIMAT0002874	hsa-miR-503	85	60	91	79
MIMAT0002874	hsa-miR-503	78	83	63	62
MIMAT0002875	hsa-miR-504	58	61	73	31
MIMAT0002875	hsa-miR-504	99	72	85	46
MIMAT0002876	hsa-miR-505	66	84	103	40
MIMAT0002876	hsa-miR-505	57	62	89	46
MIMAT0004776	hsa-miR-505*	56	74	282	45
MIMAT0004776	hsa-miR-505*	57	87	126	61
MIMAT0002878	hsa-miR-506	103	63	86	56
MIMAT0002878	hsa-miR-506	66	56	80	93
MIMAT0002879	hsa-miR-507	100	135	75	94
MIMAT0002879	hsa-miR-507	58	67	76	70
MIMAT0002880	hsa-miR-508-3p	40	90	111	51
MIMAT0002880	hsa-miR-508-3p	71	78	81	49
MIMAT0004778	hsa-miR-508-5p	49	105	38	84
MIMAT0004778	hsa-miR-508-5p	119	91	60	93
MIMAT0004975	hsa-miR-509-3-5p	52	39	53	35
MIMAT0004975	hsa-miR-509-3-5p	78	41	57	39
MIMAT0002881	hsa-miR-509-3p	64	61	41	55
MIMAT0002881	hsa-miR-509-3p	89	91	123	75
MIMAT0004779	hsa-miR-509-5p	80	60	60	51
MIMAT0004779	hsa-miR-509-5p	49	55	100	74
MIMAT0002882	hsa-miR-510	67	86	53	63
MIMAT0002882	hsa-miR-510	47	30	137	38
MIMAT0002808	hsa-miR-511	89	46	50	74
MIMAT0002808	hsa-miR-511	33	59	78	94
MIMAT0002823	hsa-miR-512-3p	107	118	99	111
MIMAT0002823	hsa-miR-512-3p	53	72	51	53
MIMAT0002822	hsa-miR-512-5p	88	87	74	62
MIMAT0002822	hsa-miR-512-5p	73	63	70	95
MIMAT0004777	hsa-miR-513a-3p	64	79	82	80
MIMAT0004777	hsa-miR-513a-3p	47	72	78	76
MIMAT0002877	hsa-miR-513a-5p	88	123	117	91
MIMAT0002877	hsa-miR-513a-5p	55	65	68	63
MIMAT0005788	hsa-miR-513b	76	46	53	48
MIMAT0005788	hsa-miR-513b	98	55	86	84
MIMAT0005789	hsa-miR-513c	52	73	49	50
MIMAT0005789	hsa-miR-513c	70	50	100	77
MIMAT0002883	hsa-miR-514	64	38	35	48
MIMAT0002883	hsa-miR-514	80	65	43	77
MIMAT0002827	hsa-miR-515-3p	67	82	68	50
MIMAT0002827	hsa-miR-515-3p	55	90	58	93
MIMAT0002826	hsa-miR-515-5p	66	98	61	69
MIMAT0002826	hsa-miR-515-5p	94	47	74	114
MIMAT0002860	hsa-miR-516a-3p	111	84	106	59
MIMAT0002860	hsa-miR-516a-3p	48	104	103	110
MIMAT0004770	hsa-miR-516a-5p	75	36	73	52
MIMAT0004770	hsa-miR-516a-5p	64	72	117	78
MIMAT0002859	hsa-miR-516b	48	88	48	51
MIMAT0002859	hsa-miR-516b	55	87	55	30
MIMAT0002860	hsa-miR-516b*	30	75	72	65
MIMAT0002860	hsa-miR-516b*	64	68	74	75
MIMAT0002851	hsa-miR-517*	52	47	60	92
MIMAT0002851	hsa-miR-517*	85	86	77	74
MIMAT0002852	hsa-miR-517a	54	109	54	71
MIMAT0002852	hsa-miR-517a	73	63	50	49

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0002857	hsa-miR-517b	60	81	77	38
MIMAT0002857	hsa-miR-517b	72	108	63	73
MIMAT0002866	hsa-miR-517c	41	86	50	67
MIMAT0002866	hsa-miR-517c	50	80	80	66
MIMAT0002863	hsa-miR-518a-3p	46	64	54	51
MIMAT0002863	hsa-miR-518a-3p	55	49	73	26
MIMAT0002862	hsa-miR-518a-5p	73	54	71	52
MIMAT0002862	hsa-miR-518a-5p	45	76	64	40
MIMAT0002844	hsa-miR-518b	78	92	64	78
MIMAT0002844	hsa-miR-518b	81	88	111	100
MIMAT0002848	hsa-miR-518c	47	44	84	71
MIMAT0002848	hsa-miR-518c	87	72	69	57
MIMAT0002847	hsa-miR-518c*	57	72	111	43
MIMAT0002847	hsa-miR-518c*	56	100	93	89
MIMAT0002864	hsa-miR-518d-3p	42	55	78	45
MIMAT0002864	hsa-miR-518d-3p	52	41	34	36
MIMAT0002845	hsa-miR-518d-5p	75	43	42	100
MIMAT0002845	hsa-miR-518d-5p	82	91	44	42
MIMAT0002861	hsa-miR-518e	85	70	78	43
MIMAT0002861	hsa-miR-518e	69	61	68	42
MIMAT0002831	hsa-miR-518e*	46	72	72	76
MIMAT0002831	hsa-miR-518e*	80	72	69	48
MIMAT0002842	hsa-miR-518f	71	71	65	106
MIMAT0002842	hsa-miR-518f	68	98	68	68
MIMAT0002841	hsa-miR-518f*	120	68	54	88
MIMAT0002841	hsa-miR-518f*	58	87	71	61
MIMAT0002869	hsa-miR-519a	112	55	30	21
MIMAT0002869	hsa-miR-519a	58	62	58	75
MIMAT0002831	hsa-miR-519a*	89	71	85	69
MIMAT0002831	hsa-miR-519a*	43	52	53	61
MIMAT0002837	hsa-miR-519b-3p	92	51	59	80
MIMAT0002837	hsa-miR-519b-3p	61	51	108	80
MIMAT0002831	hsa-miR-519b-5p	78	71	74	54
MIMAT0002831	hsa-miR-519b-5p	45	66	56	65
MIMAT0002832	hsa-miR-519c-3p	93	78	79	82
MIMAT0002832	hsa-miR-519c-3p	65	103	91	89
MIMAT0002831	hsa-miR-519c-5p	91	75	83	76
MIMAT0002831	hsa-miR-519c-5p	69	47	52	57
MIMAT0002853	hsa-miR-519d	74	94	138	85
MIMAT0002853	hsa-miR-519d	81	97	64	122
MIMAT0002829	hsa-miR-519e	69	58	70	66
MIMAT0002829	hsa-miR-519e	96	83	47	81
MIMAT0002828	hsa-miR-519e*	71	49	51	64
MIMAT0002828	hsa-miR-519e*	68	38	87	76
MIMAT0002834	hsa-miR-520a-3p	92	117	75	51
MIMAT0002834	hsa-miR-520a-3p	72	93	89	71
MIMAT0002833	hsa-miR-520a-5p	67	98	101	114
MIMAT0002833	hsa-miR-520a-5p	75	91	137	79
MIMAT0002843	hsa-miR-520b	45	82	91	64
MIMAT0002843	hsa-miR-520b	88	66	105	50
MIMAT0002846	hsa-miR-520c-3p	79	73	89	112
MIMAT0002846	hsa-miR-520c-3p	93	84	86	53
MIMAT0002845	hsa-miR-520c-5p	90	78	98	86
MIMAT0002845	hsa-miR-520c-5p	79	47	65	50
MIMAT0002856	hsa-miR-520d-3p	27	64	78	66
MIMAT0002856	hsa-miR-520d-3p	66	59	49	94
MIMAT0002855	hsa-miR-520d-5p	57	51	90	53
MIMAT0002855	hsa-miR-520d-5p	71	77	57	49
MIMAT0002825	hsa-miR-520e	94	80	59	60
MIMAT0002825	hsa-miR-520e	53	88	94	64
MIMAT0002830	hsa-miR-520f	90	60	143	78
MIMAT0002830	hsa-miR-520f	72	72	60	75
MIMAT0002858	hsa-miR-520g	52	42	50	70
MIMAT0002858	hsa-miR-520g	68	63	88	64
MIMAT0002867	hsa-miR-520h	81	54	59	50
MIMAT0002867	hsa-miR-520h	22	53	87	89
MIMAT0002854	hsa-miR-521	76	109	64	95
MIMAT0002854	hsa-miR-521	127	128	56	105

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.						
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960	
MIMAT0002868	hsa-miR-522	54	68	59	73	
MIMAT0002868	hsa-miR-522	61	75	60	55	
MIMAT0002831	hsa-miR-522*	72	33	62	72	
MIMAT0002831	hsa-miR-522*	63	96	74	136	
MIMAT0002840	hsa-miR-523	73	117	112	84	
MIMAT0002840	hsa-miR-523	75	27	81	40	
MIMAT0002831	hsa-miR-523*	62	72	72	30	
MIMAT0002831	hsa-miR-523*	36	69	91	90	
MIMAT0002850	hsa-miR-524-3p	66	103	50	75	
MIMAT0002850	hsa-miR-524-3p	95	130	142	54	
MIMAT0002849	hsa-miR-524-5p	53	87	84	67	
MIMAT0002849	hsa-miR-524-5p	49	96	100	115	
MIMAT0002839	hsa-miR-525-3p	57	37	122	81	
MIMAT0002839	hsa-miR-525-3p	67	48	107	59	
MIMAT0002838	hsa-miR-525-5p	48	89	90	89	
MIMAT0002838	hsa-miR-525-5p	63	67	58	56	
MIMAT0002845	hsa-miR-526a	91	63	93	82	
MIMAT0002845	hsa-miR-526a	91	65	78	111	
MIMAT0002835	hsa-miR-526b	74	49	94	100	
MIMAT0002835	hsa-miR-526b	65	44	85	73	
MIMAT0002836	hsa-miR-526b*	54	63	77	87	
MIMAT0002836	hsa-miR-526b*	69	60	70	99	
MIMAT0002862	hsa-miR-527	33	58	76	78	
MIMAT0002862	hsa-miR-527	89	55	52	45	
MIMAT0004780	hsa-miR-532-3p	95	78	83	77	
MIMAT0004780	hsa-miR-532-3p	119	100	88	78	
MIMAT0002888	hsa-miR-532-5p	53	100	99	46	
MIMAT0002888	hsa-miR-532-5p	73	104	61	84	
MIMAT0003163	hsa-miR-539	64	61	86	47	
MIMAT0003163	hsa-miR-539	61	54	47	53	
MIMAT0004920	hsa-miR-541	59	83	108	87	
MIMAT0004920	hsa-miR-541	74	99	75	99	
MIMAT0004919	hsa-miR-541*	53	78	105	73	
MIMAT0004919	hsa-miR-541*	89	94	104	85	
MIMAT0003389	hsa-miR-542-3p	78	60	31	41	
MIMAT0003389	hsa-miR-542-3p	36	73	67	63	
MIMAT0003340	hsa-miR-542-5p	96	86	69	88	
MIMAT0003340	hsa-miR-542-5p	86	115	94	98	
MIMAT0004954	hsa-miR-543	39	42	50	31	
MIMAT0004954	hsa-miR-543	54	45	66	60	
MIMAT0003164	hsa-miR-544	59	85	66	91	
MIMAT0003164	hsa-miR-544	62	102	89	59	
MIMAT0003165	hsa-miR-545	68	87	40	96	
MIMAT0003165	hsa-miR-545	60	30	60	82	
MIMAT0004785	hsa-miR-545*	22	72	74	85	
MIMAT0004785	hsa-miR-545*	33	91	78	72	
MIMAT0003251	hsa-miR-548a-3p	39	65	75	87	
MIMAT0003251	hsa-miR-548a-3p	59	45	81	52	
MIMAT0004803	hsa-miR-548a-5p	61	82	26	88	
MIMAT0004803	hsa-miR-548a-5p	101	83	66	55	
MIMAT0003254	hsa-miR-548b-3p	103	72	75	93	
MIMAT0003254	hsa-miR-548b-3p	78	70	104	65	
MIMAT0004798	hsa-miR-548b-5p	113	99	93	100	
MIMAT0004798	hsa-miR-548b-5p	46	66	76	75	
MIMAT0003285	hsa-miR-548c-3p	94	45	70	31	
MIMAT0003285	hsa-miR-548c-3p	71	111	82	31	
MIMAT0004806	hsa-miR-548c-5p	54	81	72	89	
MIMAT0004806	hsa-miR-548c-5p	70	71	80	79	
MIMAT0003323	hsa-miR-548d-3p	96	87	88	62	
MIMAT0003323	hsa-miR-548d-3p	43	78	64	67	
MIMAT0004812	hsa-miR-548d-5p	62	39	94	60	
MIMAT0004812	hsa-miR-548d-5p	96	59	119	80	
MIMAT0005874	hsa-miR-548e	56	53	65	113	
MIMAT0005874	hsa-miR-548e	92	95	78	95	
MIMAT0005895	hsa-miR-548f	71	59	57	63	
MIMAT0005895	hsa-miR-548f	48	66	96	53	
MIMAT0005912	hsa-miR-548g	71	130	84	60	
MIMAT0005912	hsa-miR-548g	35	62	62	38	

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.						
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960	
MIMAT0005928	hsa-miR-548h	83	52	65	65	31
MIMAT0005928	hsa-miR-548h	81	80	30	30	67
MIMAT0005935	hsa-miR-548i	62	71	59	59	79
MIMAT0005935	hsa-miR-548i	73	95	83	83	63
MIMAT0005875	hsa-miR-548j	65	89	96	96	60
MIMAT0005875	hsa-miR-548j	77	51	70	70	55
MIMAT0005882	hsa-miR-548k	58	46	93	93	91
MIMAT0005882	hsa-miR-548k	71	79	87	87	82
MIMAT0005889	hsa-miR-548l	46	78	104	104	65
MIMAT0005889	hsa-miR-548l	76	62	81	81	71
MIMAT0005917	hsa-miR-548m	61	54	65	65	62
MIMAT0005917	hsa-miR-548m	71	57	61	61	42
MIMAT0005916	hsa-miR-548n	60	52	57	57	32
MIMAT0005916	hsa-miR-548n	49	78	76	76	66
MIMAT0005919	hsa-miR-548o	94	59	51	51	89
MIMAT0005919	hsa-miR-548o	60	57	67	67	87
MIMAT0005934	hsa-miR-548p	89	86	56	56	82
MIMAT0005934	hsa-miR-548p	102	50	55	55	117
MIMAT0003333	hsa-miR-549	60	68	86	86	38
MIMAT0003333	hsa-miR-549	41	56	93	93	58
MIMAT0004800	hsa-miR-550	75	120	85	85	91
MIMAT0004800	hsa-miR-550	99	100	140	140	89
MIMAT0003257	hsa-miR-550*	79	86	106	106	68
MIMAT0003257	hsa-miR-550*	57	92	56	56	91
MIMAT0003214	hsa-miR-551a	56	63	27	27	52
MIMAT0003214	hsa-miR-551a	77	126	74	74	81
MIMAT0003233	hsa-miR-551b	65	110	77	77	49
MIMAT0003233	hsa-miR-551b	37	102	69	69	105
MIMAT0004794	hsa-miR-551b*	71	100	91	91	58
MIMAT0004794	hsa-miR-551b*	51	69	79	79	85
MIMAT0003215	hsa-miR-552	96	104	68	68	66
MIMAT0003215	hsa-miR-552	67	55	86	86	76
MIMAT0003216	hsa-miR-553	46	78	60	60	90
MIMAT0003216	hsa-miR-553	36	86	78	78	79
MIMAT0003217	hsa-miR-554	39	58	48	48	66
MIMAT0003217	hsa-miR-554	61	47	89	89	51
MIMAT0003219	hsa-miR-555	50	89	59	59	52
MIMAT0003219	hsa-miR-555	69	50	67	67	86
MIMAT0004793	hsa-miR-556-3p	42	85	56	56	52
MIMAT0004793	hsa-miR-556-3p	67	89	59	59	84
MIMAT0003220	hsa-miR-556-5p	58	43	84	84	123
MIMAT0003220	hsa-miR-556-5p	39	67	65	65	77
MIMAT0003221	hsa-miR-557	105	83	144	144	72
MIMAT0003221	hsa-miR-557	90	68	97	97	47
MIMAT0003222	hsa-miR-558	62	68	91	91	72
MIMAT0003222	hsa-miR-558	60	68	92	92	81
MIMAT0003223	hsa-miR-559	62	91	73	73	60
MIMAT0003223	hsa-miR-559	74	77	68	68	82
MIMAT0003225	hsa-miR-561	114	75	41	41	91
MIMAT0003225	hsa-miR-561	71	48	77	77	51
MIMAT0003226	hsa-miR-562	69	64	142	142	68
MIMAT0003226	hsa-miR-562	55	62	63	63	99
MIMAT0003227	hsa-miR-563	83	71	56	56	48
MIMAT0003227	hsa-miR-563	81	76	94	94	74
MIMAT0003228	hsa-miR-564	54	90	114	114	111
MIMAT0003228	hsa-miR-564	81	95	86	86	94
MIMAT0003230	hsa-miR-566	119	77	52	52	64
MIMAT0003230	hsa-miR-566	130	100	75	75	61
MIMAT0003231	hsa-miR-567	89	73	90	90	66
MIMAT0003231	hsa-miR-567	53	39	121	121	65
MIMAT0003232	hsa-miR-568	74	110	70	70	77
MIMAT0003232	hsa-miR-568	84	87	106	106	83
MIMAT0003234	hsa-miR-569	99	80	104	104	82
MIMAT0003234	hsa-miR-569	92	85	59	59	44
MIMAT0003235	hsa-miR-570	69	52	60	60	45
MIMAT0003235	hsa-miR-570	76	59	59	59	57
MIMAT0003236	hsa-miR-571	49	56	47	47	63
MIMAT0003236	hsa-miR-571	51	56	58	58	64

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0003237	hsa-miR-572	41	111	64	93
MIMAT0003237	hsa-miR-572	81	116	68	64
MIMAT0003238	hsa-miR-573	54	69	86	70
MIMAT0003238	hsa-miR-573	79	62	62	116
MIMAT0003239	hsa-miR-574-3p	87	126	124	84
MIMAT0003239	hsa-miR-574-3p	106	135	104	116
MIMAT0004795	hsa-miR-574-5p	77	104	67	87
MIMAT0004795	hsa-miR-574-5p	141	146	149	93
MIMAT0003240	hsa-miR-575	104	79	136	122
MIMAT0003240	hsa-miR-575	93	133	181	80
MIMAT0004796	hsa-miR-576-3p	88	69	86	70
MIMAT0004796	hsa-miR-576-3p	91	93	109	82
MIMAT0003241	hsa-miR-576-5p	62	71	70	72
MIMAT0003241	hsa-miR-576-5p	81	98	85	87
MIMAT0003242	hsa-miR-577	65	95	58	60
MIMAT0003242	hsa-miR-577	83	83	91	67
MIMAT0003243	hsa-miR-578	55	50	87	88
MIMAT0003243	hsa-miR-578	61	68	69	57
MIMAT0003244	hsa-miR-579	78	80	69	87
MIMAT0003244	hsa-miR-579	67	66	91	104
MIMAT0003245	hsa-miR-580	66	101	55	61
MIMAT0003245	hsa-miR-580	94	65	104	86
MIMAT0003246	hsa-miR-581	84	70	75	48
MIMAT0003246	hsa-miR-581	64	84	75	72
MIMAT0004797	hsa-miR-582-3p	44	61	77	81
MIMAT0004797	hsa-miR-582-3p	105	56	76	87
MIMAT0003247	hsa-miR-582-5p	94	79	62	74
MIMAT0003247	hsa-miR-582-5p	81	66	81	66
MIMAT0003248	hsa-miR-583	48	79	57	51
MIMAT0003248	hsa-miR-583	78	80	84	81
MIMAT0003249	hsa-miR-584	71	226	77	63
MIMAT0003249	hsa-miR-584	85	273	97	119
MIMAT0003250	hsa-miR-585	89	99	67	103
MIMAT0003250	hsa-miR-585	68	87	94	62
MIMAT0003252	hsa-miR-586	55	88	95	77
MIMAT0003252	hsa-miR-586	92	106	123	73
MIMAT0003253	hsa-miR-587	57	78	63	72
MIMAT0003253	hsa-miR-587	115	66	112	91
MIMAT0003255	hsa-miR-588	85	43	94	90
MIMAT0003255	hsa-miR-588	59	81	96	86
MIMAT0004799	hsa-miR-589	117	84	96	118
MIMAT0004799	hsa-miR-589	63	91	84	75
MIMAT0003256	hsa-miR-589*	49	99	67	111
MIMAT0003256	hsa-miR-589*	147	158	65	107
MIMAT0004801	hsa-miR-590-3p	61	61	117	63
MIMAT0004801	hsa-miR-590-3p	94	88	61	89
MIMAT0003258	hsa-miR-590-5p	126	69	73	88
MIMAT0003258	hsa-miR-590-5p	78	122	47	52
MIMAT0003259	hsa-miR-591	72	72	98	141
MIMAT0003259	hsa-miR-591	62	115	57	98
MIMAT0003260	hsa-miR-592	59	71	83	98
MIMAT0003260	hsa-miR-592	63	78	36	115
MIMAT0004802	hsa-miR-593	104	109	105	97
MIMAT0004802	hsa-miR-593	104	107	84	68
MIMAT0003261	hsa-miR-593*	79	82	176	91
MIMAT0003261	hsa-miR-593*	105	60	96	114
MIMAT0003263	hsa-miR-595	122	68	105	79
MIMAT0003263	hsa-miR-595	95	109	71	76
MIMAT0003264	hsa-miR-596	80	122	62	62
MIMAT0003264	hsa-miR-596	61	81	61	75
MIMAT0003265	hsa-miR-597	60	74	108	59
MIMAT0003265	hsa-miR-597	101	112	75	77
MIMAT0003266	hsa-miR-598	72	78	60	108
MIMAT0003266	hsa-miR-598	97	38	69	51
MIMAT0003267	hsa-miR-599	142	41	63	77
MIMAT0003267	hsa-miR-599	68	49	116	81
MIMAT0003268	hsa-miR-600	94	85	116	75
MIMAT0003268	hsa-miR-600	68	96	94	89

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0003269	hsa-miR-601	100	96	107	94
MIMAT0003269	hsa-miR-601	83	167	69	104
MIMAT0003270	hsa-miR-602	87	82	82	81
MIMAT0003270	hsa-miR-602	69	67	60	45
MIMAT0003271	hsa-miR-603	89	83	95	55
MIMAT0003271	hsa-miR-603	85	59	105	79
MIMAT0003272	hsa-miR-604	69	68	73	74
MIMAT0003272	hsa-miR-604	71	97	142	83
MIMAT0003273	hsa-miR-605	75	67	90	115
MIMAT0003273	hsa-miR-605	105	95	57	112
MIMAT0003274	hsa-miR-606	102	42	66	100
MIMAT0003274	hsa-miR-606	74	128	97	73
MIMAT0003275	hsa-miR-607	71	73	75	73
MIMAT0003275	hsa-miR-607	92	108	97	86
MIMAT0003276	hsa-miR-608	75	83	83	49
MIMAT0003276	hsa-miR-608	64	58	45	42
MIMAT0003277	hsa-miR-609	50	66	33	66
MIMAT0003277	hsa-miR-609	49	64	46	88
MIMAT0003278	hsa-miR-610	57	88	85	62
MIMAT0003278	hsa-miR-610	76	80	63	99
MIMAT0003279	hsa-miR-611	59	59	82	85
MIMAT0003279	hsa-miR-611	56	75	69	46
MIMAT0003280	hsa-miR-612	66	124	101	77
MIMAT0003280	hsa-miR-612	43	84	95	98
MIMAT0003281	hsa-miR-613	72	77	121	31
MIMAT0003281	hsa-miR-613	90	134	58	60
MIMAT0003282	hsa-miR-614	88	67	73	114
MIMAT0003282	hsa-miR-614	39	89	125	60
MIMAT0003283	hsa-miR-615-3p	61	84	111	78
MIMAT0003283	hsa-miR-615-3p	83	42	73	42
MIMAT0004804	hsa-miR-615-5p	81	120	98	113
MIMAT0004804	hsa-miR-615-5p	126	124	145	68
MIMAT0004805	hsa-miR-616	86	85	42	59
MIMAT0004805	hsa-miR-616	28	88	59	79
MIMAT0003284	hsa-miR-616*	61	52	87	83
MIMAT0003284	hsa-miR-616*	69	84	77	72
MIMAT0003286	hsa-miR-617	102	87	70	65
MIMAT0003286	hsa-miR-617	54	76	59	73
MIMAT0003287	hsa-miR-618	61	61	46	53
MIMAT0003287	hsa-miR-618	83	68	32	56
MIMAT0003288	hsa-miR-619	61	66	65	34
MIMAT0003288	hsa-miR-619	55	95	74	106
MIMAT0003289	hsa-miR-620	66	26	43	58
MIMAT0003289	hsa-miR-620	54	48	76	71
MIMAT0003290	hsa-miR-621	63	38	67	45
MIMAT0003290	hsa-miR-621	36	75	94	70
MIMAT0003291	hsa-miR-622	82	48	97	50
MIMAT0003291	hsa-miR-622	69	93	66	69
MIMAT0003292	hsa-miR-623	41	99	64	41
MIMAT0003292	hsa-miR-623	56	49	53	39
MIMAT0004807	hsa-miR-624	66	94	71	72
MIMAT0004807	hsa-miR-624	58	99	102	60
MIMAT0003293	hsa-miR-624*	59	46	39	50
MIMAT0003293	hsa-miR-624*	52	78	102	51
MIMAT0003294	hsa-miR-625	95	97	44	40
MIMAT0003294	hsa-miR-625	62	122	139	111
MIMAT0004808	hsa-miR-625*	100	87	191	150
MIMAT0004808	hsa-miR-625*	87	81	161	91
MIMAT0003295	hsa-miR-626	71	78	85	63
MIMAT0003295	hsa-miR-626	64	49	62	77
MIMAT0003296	hsa-miR-627	26	23	82	50
MIMAT0003296	hsa-miR-627	36	77	66	104
MIMAT0003297	hsa-miR-628-3p	33	31	67	55
MIMAT0003297	hsa-miR-628-3p	70	37	55	103
MIMAT0004809	hsa-miR-628-5p	53	51	89	62
MIMAT0004809	hsa-miR-628-5p	75	64	78	107
MIMAT0004810	hsa-miR-629	52	116	76	59
MIMAT0004810	hsa-miR-629	119	103	74	107

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0003298	hsa-miR-629*	45	53	40	58
MIMAT0003298	hsa-miR-629*	95	79	89	59
MIMAT0003299	hsa-miR-630	70	55	66	50
MIMAT0003299	hsa-miR-630	77	49	79	70
MIMAT0003300	hsa-miR-631	75	81	73	32
MIMAT0003300	hsa-miR-631	61	130	105	98
MIMAT0003302	hsa-miR-632	122	104	89	115
MIMAT0003302	hsa-miR-632	95	75	54	78
MIMAT0003303	hsa-miR-633	52	39	61	70
MIMAT0003303	hsa-miR-633	61	24	62	61
MIMAT0003304	hsa-miR-634	61	64	70	63
MIMAT0003304	hsa-miR-634	56	73	77	25
MIMAT0003305	hsa-miR-635	43	58	115	71
MIMAT0003305	hsa-miR-635	40	83	67	43
MIMAT0003306	hsa-miR-636	50	79	80	79
MIMAT0003306	hsa-miR-636	69	147	76	67
MIMAT0003307	hsa-miR-637	50	56	82	65
MIMAT0003307	hsa-miR-637	51	70	69	58
MIMAT0003308	hsa-miR-638	183	221	197	193
MIMAT0003308	hsa-miR-638	174	422	311	246
MIMAT0003309	hsa-miR-639	54	73	81	52
MIMAT0003309	hsa-miR-639	111	49	88	68
MIMAT0003310	hsa-miR-640	39	91	69	42
MIMAT0003310	hsa-miR-640	83	62	64	41
MIMAT0003311	hsa-miR-641	61	89	66	88
MIMAT0003311	hsa-miR-641	65	81	73	27
MIMAT0003312	hsa-miR-642	59	73	63	62
MIMAT0003312	hsa-miR-642	98	109	101	61
MIMAT0003313	hsa-miR-643	72	71	84	78
MIMAT0003313	hsa-miR-643	63	79	88	53
MIMAT0003314	hsa-miR-644	74	31	66	79
MIMAT0003314	hsa-miR-644	57	108	95	100
MIMAT0003315	hsa-miR-645	82	40	80	32
MIMAT0003315	hsa-miR-645	62	64	121	114
MIMAT0003316	hsa-miR-646	83	65	54	58
MIMAT0003316	hsa-miR-646	78	46	80	52
MIMAT0003317	hsa-miR-647	37	120	64	71
MIMAT0003317	hsa-miR-647	61	71	54	64
MIMAT0003318	hsa-miR-648	59	62	59	54
MIMAT0003318	hsa-miR-648	78	46	77	49
MIMAT0003319	hsa-miR-649	43	91	47	69
MIMAT0003319	hsa-miR-649	135	91	47	90
MIMAT0003320	hsa-miR-650	108	108	78	50
MIMAT0003320	hsa-miR-650	86	73	75	61
MIMAT0003321	hsa-miR-651	53	67	63	62
MIMAT0003321	hsa-miR-651	56	90	87	68
MIMAT0003322	hsa-miR-652	57	71	108	66
MIMAT0003322	hsa-miR-652	53	69	58	109
MIMAT0003328	hsa-miR-653	59	99	54	55
MIMAT0003328	hsa-miR-653	66	84	107	82
MIMAT0004814	hsa-miR-654-3p	64	43	76	71
MIMAT0004814	hsa-miR-654-3p	124	107	57	140
MIMAT0003330	hsa-miR-654-5p	52	64	33	69
MIMAT0003330	hsa-miR-654-5p	72	54	93	56
MIMAT0003331	hsa-miR-655	113	112	53	76
MIMAT0003331	hsa-miR-655	86	99	38	124
MIMAT0003332	hsa-miR-656	54	75	96	51
MIMAT0003332	hsa-miR-656	66	67	76	53
MIMAT0003335	hsa-miR-657	60	129	92	61
MIMAT0003335	hsa-miR-657	88	78	77	71
MIMAT0003336	hsa-miR-658	95	128	108	136
MIMAT0003336	hsa-miR-658	158	121	73	117
MIMAT0003337	hsa-miR-659	70	83	80	81
MIMAT0003337	hsa-miR-659	45	46	92	92
MIMAT0003338	hsa-miR-660	125	132	74	65
MIMAT0003338	hsa-miR-660	90	190	107	63
MIMAT0003324	hsa-miR-661	83	70	64	63
MIMAT0003324	hsa-miR-661	87	87	90	103

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0003325	hsa-miR-662	63	77	28	60
MIMAT0003325	hsa-miR-662	66	72	52	75
MIMAT0003326	hsa-miR-663	199	313	431	229
MIMAT0003326	hsa-miR-663	221	365	339	270
MIMAT0005867	hsa-miR-663b	100	39	60	67
MIMAT0005867	hsa-miR-663b	72	82	67	84
MIMAT0005949	hsa-miR-664	109	224	95	114
MIMAT0005949	hsa-miR-664	129	250	81	129
MIMAT0005948	hsa-miR-664*	81	84	97	52
MIMAT0005948	hsa-miR-664*	58	70	99	37
MIMAT0004952	hsa-miR-665	101	121	105	65
MIMAT0004952	hsa-miR-665	69	61	110	73
MIMAT0003881	hsa-miR-668	40	91	88	95
MIMAT0003881	hsa-miR-668	59	76	52	92
MIMAT0004819	hsa-miR-671-3p	73	103	82	80
MIMAT0004819	hsa-miR-671-3p	96	115	65	98
MIMAT0003880	hsa-miR-671-5p	94	143	128	153
MIMAT0003880	hsa-miR-671-5p	126	136	196	105
MIMAT0004284	hsa-miR-675	74	56	114	77
MIMAT0004284	hsa-miR-675	74	65	67	74
MIMAT0006790	hsa-miR-675b	114	80	85	114
MIMAT0006790	hsa-miR-675b	104	62	101	105
MIMAT0000252	hsa-miR-7	224	403	76	46
MIMAT0000252	hsa-miR-7	314	524	70	91
MIMAT0004553	hsa-miR-7-1*	64	154	60	55
MIMAT0004553	hsa-miR-7-1*	120	181	108	87
MIMAT0004554	hsa-miR-7-2*	56	109	81	78
MIMAT0004554	hsa-miR-7-2*	65	61	75	34
MIMAT0004926	hsa-miR-708	109	111	102	115
MIMAT0004926	hsa-miR-708	134	89	96	150
MIMAT0004927	hsa-miR-708*	79	68	110	110
MIMAT0004927	hsa-miR-708*	72	58	88	78
MIMAT0005954	hsa-miR-720	9303	11768	595	868
MIMAT0005954	hsa-miR-720	11040	13859	678	946
MIMAT0004945	hsa-miR-744	120	282	195	165
MIMAT0004945	hsa-miR-744	271	303	247	158
MIMAT0004946	hsa-miR-744*	68	60	101	50
MIMAT0004946	hsa-miR-744*	61	103	47	43
MIMAT0003879	hsa-miR-758	48	68	124	82
MIMAT0003879	hsa-miR-758	48	112	135	43
MIMAT0004957	hsa-miR-760	85	57	130	67
MIMAT0004957	hsa-miR-760	84	82	103	96
MIMAT0003945	hsa-miR-765	84	76	92	85
MIMAT0003945	hsa-miR-765	104	89	99	63
MIMAT0003888	hsa-miR-766	109	98	73	59
MIMAT0003888	hsa-miR-766	66	111	120	126
MIMAT0003883	hsa-miR-767-3p	88	145	85	73
MIMAT0003883	hsa-miR-767-3p	44	89	92	93
MIMAT0003882	hsa-miR-767-5p	118	57	87	81
MIMAT0003882	hsa-miR-767-5p	79	101	53	100
MIMAT0003887	hsa-miR-769-3p	77	111	76	96
MIMAT0003887	hsa-miR-769-3p	122	66	81	62
MIMAT0003886	hsa-miR-769-5p	134	204	148	101
MIMAT0003886	hsa-miR-769-5p	130	192	115	136
MIMAT0003948	hsa-miR-770-5p	92	43	87	88
MIMAT0003948	hsa-miR-770-5p	97	83	79	38
MIMAT0004185	hsa-miR-802	71	119	92	88
MIMAT0004185	hsa-miR-802	73	117	36	67
MIMAT0004953	hsa-miR-873	62	84	82	79
MIMAT0004953	hsa-miR-873	49	73	73	23
MIMAT0004911	hsa-miR-874	57	102	123	139
MIMAT0004911	hsa-miR-874	103	94	121	140
MIMAT0004923	hsa-miR-875-3p	115	97	167	124
MIMAT0004923	hsa-miR-875-3p	93	115	77	83
MIMAT0004922	hsa-miR-875-5p	45	99	64	81
MIMAT0004922	hsa-miR-875-5p	60	76	123	83
MIMAT0004925	hsa-miR-876-3p	94	57	72	54
MIMAT0004925	hsa-miR-876-3p	93	56	71	121

Supplementary Table 1. The list represents signal values of miRNA microarray analysis.					
Accession number	miRNA NAME	KYSE450	KYSE520	KYSE890	KYSE960
MIMAT0004924	hsa-miR-876-5p	22	58	82	65
MIMAT0004924	hsa-miR-876-5p	77	61	60	89
MIMAT0004949	hsa-miR-877	89	47	99	73
MIMAT0004949	hsa-miR-877	54	88	98	87
MIMAT0004950	hsa-miR-877*	68	98	42	51
MIMAT0004950	hsa-miR-877*	91	113	70	85
MIMAT0004948	hsa-miR-885-3p	64	96	74	33
MIMAT0004948	hsa-miR-885-3p	94	83	94	93
MIMAT0004947	hsa-miR-885-5p	58	73	90	47
MIMAT0004947	hsa-miR-885-5p	41	66	67	90
MIMAT0004906	hsa-miR-886-3p	56	63	61	62
MIMAT0004906	hsa-miR-886-3p	67	59	110	134
MIMAT0004905	hsa-miR-886-5p	123	81	127	98
MIMAT0004905	hsa-miR-886-5p	71	101	101	80
MIMAT0004951	hsa-miR-887	74	94	52	81
MIMAT0004951	hsa-miR-887	81	139	72	108
MIMAT0004916	hsa-miR-888	58	76	65	95
MIMAT0004916	hsa-miR-888	100	78	149	98
MIMAT0004917	hsa-miR-888*	79	46	100	67
MIMAT0004917	hsa-miR-888*	64	57	89	116
MIMAT0004921	hsa-miR-889	94	89	61	79
MIMAT0004921	hsa-miR-889	68	59	76	115
MIMAT0004912	hsa-miR-890	62	62	112	68
MIMAT0004912	hsa-miR-890	95	64	101	119
MIMAT0004902	hsa-miR-891a	73	38	109	54
MIMAT0004902	hsa-miR-891a	90	50	140	96
MIMAT0004913	hsa-miR-891b	39	63	47	46
MIMAT0004913	hsa-miR-891b	78	86	77	110
MIMAT0004907	hsa-miR-892a	109	55	122	84
MIMAT0004907	hsa-miR-892a	102	105	78	111
MIMAT0004918	hsa-miR-892b	58	72	79	119
MIMAT0004918	hsa-miR-892b	77	77	86	72
MIMAT0000441	hsa-miR-9	113	155	72	73
MIMAT0000441	hsa-miR-9	82	97	50	72
MIMAT0000442	hsa-miR-9*	74	126	67	67
MIMAT0000442	hsa-miR-9*	74	160	51	38
MIMAT0004970	hsa-miR-920	49	62	83	64
MIMAT0004970	hsa-miR-920	87	71	88	38
MIMAT0004971	hsa-miR-921	88	93	80	56
MIMAT0004971	hsa-miR-921	40	49	36	25
MIMAT0004972	hsa-miR-922	55	18	76	59
MIMAT0004972	hsa-miR-922	47	39	28	97
MIMAT0004973	hsa-miR-923	7785	10312	5048	5429
MIMAT0004973	hsa-miR-923	7378	9789	4879	4594
MIMAT0004974	hsa-miR-924	45	64	97	70
MIMAT0004974	hsa-miR-924	63	63	93	40
MIMAT0000092	hsa-miR-92a	690	590	291	396
MIMAT0000092	hsa-miR-92a	799	680	321	398
MIMAT0004507	hsa-miR-92a-1*	95	72	54	63
MIMAT0004507	hsa-miR-92a-1*	53	69	69	38
MIMAT0004508	hsa-miR-92a-2*	55	66	122	76
MIMAT0004508	hsa-miR-92a-2*	54	66	93	102
MIMAT0003218	hsa-miR-92b	333	420	221	223
MIMAT0003218	hsa-miR-92b	289	488	308	209
MIMAT0004792	hsa-miR-92b*	114	93	116	121
MIMAT0004792	hsa-miR-92b*	108	174	153	105
MIMAT0000093	hsa-miR-93	1087	925	150	478
MIMAT0000093	hsa-miR-93	1087	1203	241	335
MIMAT0004509	hsa-miR-93*	62	94	96	114
MIMAT0004509	hsa-miR-93*	67	114	156	90
MIMAT0004976	hsa-miR-933	68	56	57	64
MIMAT0004976	hsa-miR-933	43	87	84	80
MIMAT0004977	hsa-miR-934	54	57	74	80
MIMAT0004977	hsa-miR-934	60	46	84	66
MIMAT0004978	hsa-miR-935	52	65	77	34
MIMAT0004978	hsa-miR-935	48	90	55	56
MIMAT0004979	hsa-miR-936	87	91	30	60
MIMAT0004979	hsa-miR-936	87	77	70	81