

Supplementary Table 1. miRNAs enriched in MB cell lines compared to their intracellular miRNAs

Name	ID	FC	D283-C	D283-M	FC	D341-C	D341-M	FC	DAOY-C	DAOY-M	FC
		A vs. NA (M)	Signal	Signal	M vs. C	Signal	Signal	M vs. C	Signal	Signal	M vs. C
hsa-miR-1225-5p	MIMAT0005572	-1.71	103.92	1698.91	16.35	71.98	1566.08	21.76	91.82	2797.47	30.47
hsa-miR-4674	MIMAT0019756	-1.23	128.84	2118.26	16.44	157.21	3043.00	19.36	113.41	3162.22	27.88
hsa-miR-1228-5p	MIMAT0005582	1.48	674.97	8713.34	12.91	549.46	8089.90	14.72	416.90	5695.86	13.66
hsa-miR-3178	MIMAT0015055	1.57	890.15	18598.31	20.89	758.71	8713.34	11.48	1050.03	8713.34	8.30
hsa-miR-139-3p	MIMAT0004552	2.25	72.93	1655.69	22.70	82.50	876.46	10.62	87.01	562.68	6.47
hsa-miR-486-3p	MIMAT0004762	1.02	213.98	1421.25	6.64	186.23	3559.29	19.11	234.09	2450.52	10.47
hsa-miR-5787	MIMAT0023252	2.81	1362.59	30593.93	22.45	1492.47	14797.98	9.92	2531.05	8089.90	3.20
hsa-miR-3940-5p	MIMAT0019229	-1.03	785.96	9589.50	12.20	576.37	7912.78	13.73	1070.19	9055.37	8.46
hsa-miR-1268a	MIMAT0005922	-1.08	442.94	4239.10	9.57	289.78	3935.19	13.58	392.10	4400.22	11.22
hsa-miR-762	MIMAT0010313	1.09	1511.25	27373.42	18.11	2317.76	23223.36	10.02	3761.93	23223.36	6.17
hsa-miR-3665	MIMAT0018087	1.12	3845.38	43901.33	11.42	2647.28	35299.50	13.33	4117.11	35299.50	8.57
hsa-miR-4689	MIMAT0019778	1.39	283.70	3935.19	13.87	251.42	3444.48	13.70	526.91	2647.28	5.02
hsa-miR-4649-5p	MIMAT0019711	1.22	141.18	1463.07	10.36	111.62	1255.29	11.25	115.40	1117.13	9.68
hsa-miR-1469	MIMAT0007347	1.24	406.74	4537.39	11.16	416.90	4537.39	10.88	403.28	3657.81	9.07
hsa-miR-1915-3p	MIMAT0007892	-1.45	477.88	5429.45	11.36	570.50	4239.10	7.43	661.04	6997.81	10.59
hsa-miR-557	MIMAT0003221	1.66	103.66	1195.32	11.53	117.07	1362.59	11.64	129.10	770.61	5.97
hsa-miR-1268b	MIMAT0018925	1.46	275.90	3043.00	11.03	232.69	1919.52	8.25	217.02	1698.91	7.83
hsa-miR-3184-5p	MIMAT0015064	-1.48	107.11	1095.85	10.23	121.27	785.96	6.48	135.16	1395.42	10.32
hsa-miR-4327	MIMAT0016889	-1.22	154.39	1744.20	11.30	172.84	1395.42	8.07	268.22	1919.52	7.16
hsa-miR-3937	MIMAT0018352	-1.52	140.82	938.23	6.66	130.09	1009.32	7.76	125.55	1477.76	11.77
hsa-miR-6722-3p	MIMAT0025854	1.07	260.06	2083.62	8.01	188.95	2450.52	12.97	442.94	2118.26	4.78
hsa-miR-4508	MIMAT0019045	-1.41	1340.73	15587.58	11.63	1811.78	10863.44	6.00	2450.52	18598.31	7.59
hsa-miR-4697-5p	MIMAT0019791	-1.14	111.62	1103.37	9.89	185.65	1103.37	5.94	138.31	1255.29	9.08
hsa-miR-4447	MIMAT0018966	1.67	85.13	720.26	8.46	65.72	653.87	9.95	66.26	412.51	6.23
hsa-miR-602	MIMAT0003270	-1.10	56.96	374.43	6.57	40.27	412.51	10.24	56.67	434.54	7.67
hsa-miR-4783-3p	MIMAT0019947	-1.82	90.03	758.71	8.43	133.88	557.16	4.16	108.71	1195.32	11.00
hsa-miR-4492	MIMAT0019027	-1.11	278.27	2450.52	8.81	254.95	2118.26	8.31	409.86	2531.05	6.18
hsa-miR-4651	MIMAT0019715	-1.96	311.08	1919.52	6.17	294.82	2011.32	6.82	384.13	3845.38	10.01
hsa-miR-296-3p	MIMAT0004679	-2.27	70.14	330.84	4.72	77.28	455.15	5.89	73.87	890.15	12.05
hsa-miR-4736	MIMAT0019862	1.78	74.81	516.91	6.91	59.82	588.77	9.84	54.65	311.08	5.69
hsa-miR-4787-5p	MIMAT0019956	-1.00	4905.14	43901.33	8.95	6111.29	44131.31	7.22	7496.64	44131.31	5.89
hsa-miR-1231	MIMAT0005586	-1.38	70.77	508.37	7.18	80.72	477.88	5.92	80.61	680.51	8.44
hsa-miR-744-5p	MIMAT0004945	-2.07	139.62	614.83	4.40	125.55	758.71	6.04	134.60	1421.25	10.56
hsa-miR-135a-3p	MIMAT0004595	-1.41	63.27	562.68	8.89	75.05	461.48	6.15	124.06	720.26	5.81
hsa-miR-572	MIMAT0003237	1.30	70.69	451.14	6.38	41.81	428.01	10.24	95.26	337.82	3.55
hsa-miR-4675	MIMAT0019757	-1.14	169.90	785.96	4.63	263.17	1117.13	4.24	96.52	1081.48	11.20
hsa-miR-5572	MIMAT0022260	2.74	102.19	1255.29	12.28	109.09	521.63	4.78	119.70	324.83	2.71
hsa-miR-4433-3p	MIMAT0018949	1.78	160.76	1477.76	9.19	350.77	1070.19	3.05	97.33	714.69	7.34
hsa-miR-1237-5p	MIMAT0022946	-1.00	1463.07	9909.87	6.77	1698.91	9909.87	5.83	1463.07	9909.87	6.77
hsa-miR-3185	MIMAT0015065	-1.62	297.81	1239.90	4.16	160.16	1492.47	9.32	504.31	2214.50	4.39

hsa-miR-638	MIMAT0003308	-1.07	1239.90	8089.90	6.52	1103.37	6672.46	6.05	1539.15	7912.78	5.14
hsa-miR-4446-3p	MIMAT0018965	-1.01	124.65	585.89	4.70	260.06	1539.15	5.92	153.58	1070.19	6.97
hsa-miR-6068	MIMAT0023693	1.12	61.14	403.28	6.60	56.47	374.43	6.63	79.80	347.62	4.36
hsa-miR-4525	MIMAT0019064	1.34	52.49	281.06	5.35	41.01	344.18	8.39	63.16	234.09	3.71
hsa-miR-663b	MIMAT0005867	-1.46	67.62	337.82	5.00	61.93	294.82	4.76	61.69	463.22	7.51
hsa-miR-4746-3p	MIMAT0019881	-1.30	99.02	714.69	7.22	95.07	496.44	5.22	164.84	785.96	4.77
hsa-miR-3180-3p	MIMAT0015058	-1.73	258.32	1340.73	5.19	274.17	1340.73	4.89	335.94	2317.76	6.90
hsa-miR-4516	MIMAT0019053	-1.14	4537.39	23223.36	5.12	3761.93	30593.93	8.13	8220.21	30593.93	3.72
hsa-miR-4648	MIMAT0019710	2.20	93.81	982.73	10.48	199.63	419.82	2.10	73.65	318.08	4.32
hsa-miR-4466	MIMAT0018993	-1.99	1744.20	6111.29	3.50	1744.20	9589.50	5.50	2011.32	15587.58	7.75
hsa-miR-5008-5p	MIMAT0021039	2.37	113.17	557.16	4.92	102.08	938.23	9.19	131.72	315.24	2.39
hsa-miR-3620-5p	MIMAT0022967	1.09	145.51	1169.23	8.04	224.18	848.27	3.78	199.63	927.08	4.64
hsa-miR-937-5p	MIMAT0022938	-1.18	134.60	699.84	5.20	148.18	704.55	4.75	134.19	829.16	6.18
hsa-miR-6088	MIMAT0023713	-1.31	291.06	2317.76	7.96	455.15	1477.76	3.25	508.37	2492.16	4.90
hsa-miR-4665-5p	MIMAT0019739	-1.74	125.04	741.38	5.93	175.50	667.21	3.80	195.14	1228.21	6.29
hsa-miR-1227-5p	MIMAT0022941	-1.26	452.95	1811.78	4.00	380.21	1979.27	5.21	350.77	2382.55	6.79
hsa-miR-4271	MIMAT0016901	1.17	111.72	629.41	5.63	92.46	451.14	4.88	84.57	461.48	5.46
hsa-miR-4467	MIMAT0018994	-1.28	961.91	4117.11	4.28	667.21	3761.93	5.64	835.09	5038.51	6.03
hsa-miR-548q	MIMAT0011163	1.02	59.82	386.28	6.46	73.13	318.08	4.35	67.16	345.12	5.14
hsa-miR-371b-5p	MIMAT0019892	-1.05	116.51	513.76	4.41	87.01	547.45	6.29	108.47	557.16	5.14
hsa-miR-92a-2-5p	MIMAT0004508	1.13	83.86	576.37	6.87	97.09	480.94	4.95	127.82	466.27	3.65
hsa-miR-1234-5p	MIMAT0022944	-1.67	3043.00	17216.53	5.66	2924.94	15587.58	5.33	6111.29	27373.42	4.48
hsa-miR-5090	MIMAT0021082	-1.22	135.77	582.15	4.29	158.28	714.69	4.52	123.65	790.05	6.39
hsa-miR-373-5p	MIMAT0000725	1.02	62.74	378.83	6.04	85.59	395.10	4.62	83.86	378.83	4.52
hsa-miR-498	MIMAT0002824	-2.24	54.92	204.13	3.72	72.93	226.17	3.10	58.07	480.94	8.28
hsa-miR-2861	MIMAT0013802	-1.38	1811.78	9055.37	5.00	1846.58	11361.46	6.15	3559.29	14050.33	3.95
hsa-miR-150-3p	MIMAT0004610	1.10	112.63	412.51	3.66	87.96	585.89	6.66	95.89	452.95	4.72
hsa-miR-3960	MIMAT0019337	-1.11	8089.90	43901.33	5.43	9589.50	54314.64	5.66	14050.33	54314.64	3.87
hsa-miR-1307-3p	MIMAT0005951	-2.46	84.93	277.55	3.27	93.20	291.06	3.12	84.22	699.84	8.31
hsa-miR-663a	MIMAT0003326	-1.00	1255.29	5912.78	4.71	1009.32	5912.78	5.86	1492.47	5912.78	3.96
hsa-miR-149-3p	MIMAT0004609	-1.17	389.96	1539.15	3.95	388.97	2214.50	5.69	461.48	2192.86	4.75
hsa-miR-4505	MIMAT0019041	-1.17	324.83	1846.58	5.68	377.36	1601.00	4.24	452.95	2011.32	4.44
hsa-miR-4725-3p	MIMAT0019844	1.20	191.76	1117.13	5.83	315.24	1195.32	3.79	205.25	961.91	4.69
hsa-miR-718	MIMAT0012735	-1.41	113.66	437.54	3.85	90.95	452.95	4.98	117.45	629.41	5.36
hsa-miR-4253	MIMAT0016882	1.15	55.99	234.09	4.18	48.43	263.17	5.43	48.09	217.02	4.51
hsa-miR-4276	MIMAT0016904	1.15	51.93	274.17	5.28	57.68	249.39	4.32	50.67	228.51	4.51
hsa-miR-3151	MIMAT0015024	1.00	86.16	348.84	4.05	70.69	377.36	5.34	77.53	361.34	4.66
hsa-miR-6721-5p	MIMAT0025852	-1.02	232.69	848.27	3.65	136.32	816.52	5.99	193.68	848.27	4.38
hsa-miR-4463	MIMAT0018987	1.09	629.41	3326.02	5.28	1039.13	4905.14	4.72	938.23	3761.93	4.01
hsa-miR-4472	MIMAT0018999	1.04	73.57	350.77	4.77	53.71	257.46	4.79	66.35	293.19	4.42
hsa-miR-4285	MIMAT0016913	1.26	56.92	389.96	6.85	57.01	189.50	3.32	60.96	229.55	3.77
hsa-miR-5698	MIMAT0022491	-1.24	55.09	288.17	5.23	78.76	315.24	4.00	82.99	373.58	4.50
hsa-miR-4640-5p	MIMAT0019699	1.19	161.28	1070.19	6.64	293.19	868.11	2.96	197.66	816.52	4.13
hsa-miR-4672	MIMAT0019754	2.26	69.28	342.68	4.95	70.61	447.50	6.34	71.72	174.74	2.44

hsa-miR-4281	MIMAT0016907	-1.49	395.10	2214.50	5.60	585.89	1698.91	2.90	570.50	2924.94	5.13
hsa-miR-3663-3p	MIMAT0018085	-2.11	720.26	2755.86	3.83	680.51	2382.55	3.50	868.11	5429.45	6.25
hsa-miR-1202	MIMAT0005865	1.07	97.33	545.15	5.60	119.70	504.31	4.21	139.62	491.47	3.52
hsa-miR-939-5p	MIMAT0004982	2.60	321.78	2492.16	7.74	409.86	1169.23	2.85	265.45	704.55	2.65
hsa-miR-371a-5p	MIMAT0004687	1.30	302.38	1601.00	5.29	348.84	1744.20	5.00	470.97	1281.75	2.72
hsa-miR-3621	MIMAT0018002	1.08	1421.25	4905.14	3.45	2755.86	18598.31	6.75	3935.19	10863.44	2.76
hsa-miR-6509-5p	MIMAT0025474	-2.94	47.68	106.15	2.23	51.45	131.16	2.55	43.32	348.84	8.05
hsa-miR-211-3p	MIMAT0022694	-1.01	127.82	549.46	4.30	149.50	629.41	4.21	143.95	594.09	4.13
hsa-miR-4442	MIMAT0018960	-1.37	218.27	790.05	3.62	180.81	1095.85	6.06	437.54	1291.11	2.95
hsa-miR-4486	MIMAT0019020	-1.01	265.45	1228.21	4.63	234.74	1081.48	4.61	370.19	1169.23	3.16
hsa-miR-4476	MIMAT0019003	1.51	136.62	645.87	4.73	159.75	732.61	4.59	170.71	455.15	2.67
hsa-miR-4741	MIMAT0019871	-1.26	714.69	2382.55	3.33	533.42	2755.86	5.17	961.91	3246.33	3.37
hsa-miR-6125	MIMAT0024598	1.07	2214.50	11361.46	5.13	1631.27	6306.02	3.87	3246.33	8220.21	2.53
hsa-miR-6515-5p	MIMAT0025486	1.30	58.45	340.89	5.83	59.77	151.64	2.54	60.51	189.50	3.13
hsa-miR-4707-5p	MIMAT0019807	-1.63	357.38	816.52	2.28	281.06	806.17	2.87	213.22	1323.70	6.21
hsa-miR-3147	MIMAT0015019	-1.06	82.68	294.82	3.57	70.03	246.43	3.52	71.59	286.57	4.00
hsa-miR-4695-5p	MIMAT0019788	-1.04	205.25	927.08	4.52	236.66	741.38	3.13	275.90	868.11	3.15
hsa-miR-4690-5p	MIMAT0019779	-1.43	116.33	384.13	3.30	123.32	365.86	2.97	124.48	535.11	4.30
hsa-miR-4673	MIMAT0019755	1.02	88.18	357.38	4.05	74.13	272.38	3.67	108.97	308.92	2.83
hsa-miR-4706	MIMAT0019806	-1.23	149.88	704.55	4.70	215.30	526.91	2.45	222.46	758.71	3.41
hsa-miR-6069	MIMAT0023694	1.67	51.03	210.18	4.12	56.67	236.66	4.18	59.23	133.88	2.26
hsa-miR-3180	MIMAT0018178	-1.28	370.19	1039.13	2.81	302.38	1323.70	4.38	455.15	1511.25	3.32
hsa-miR-1178-5p	MIMAT0022940	-1.98	37.57	78.76	2.10	35.92	107.57	3.00	34.71	184.01	5.30
hsa-miR-3152-3p	MIMAT0015025	-1.24	62.49	171.61	2.75	54.86	180.81	3.30	51.59	218.96	4.24
hsa-miR-6717-5p	MIMAT0025846	-1.32	81.99	255.90	3.12	60.63	171.61	2.83	66.05	282.61	4.28
hsa-miR-4483	MIMAT0019017	1.64	61.57	220.45	3.58	62.17	277.55	4.46	69.91	151.64	2.17
hsa-miR-4482-3p	MIMAT0020958	1.42	51.59	216.13	4.19	64.19	207.50	3.23	53.93	149.04	2.76
hsa-miR-4322	MIMAT0016873	1.02	129.50	594.09	4.59	150.20	319.90	2.13	133.35	447.50	3.36
hsa-miR-3917	MIMAT0018191	-1.46	75.65	254.95	3.37	87.25	232.69	2.67	91.04	355.93	3.91
hsa-miR-4758-5p	MIMAT0019903	-1.29	306.39	880.97	2.88	265.45	829.16	3.12	279.82	1103.37	3.94
hsa-miR-6724-5p	MIMAT0025856	-1.51	816.52	2550.21	3.12	848.27	2647.28	3.12	1081.48	3935.19	3.64
hsa-miR-885-3p	MIMAT0004948	-1.24	76.68	200.53	2.62	62.05	195.92	3.16	60.78	246.43	4.05
hsa-miR-4708-3p	MIMAT0019810	-1.57	62.43	145.81	2.34	48.60	155.38	3.20	55.58	236.66	4.26
hsa-miR-4731-5p	MIMAT0019853	1.16	218.96	680.51	3.11	198.05	890.15	4.49	324.83	674.97	2.08
hsa-miR-615-5p	MIMAT0004804	1.01	99.84	286.57	2.87	68.25	308.92	4.53	141.65	295.74	2.09
hsa-miR-4534	MIMAT0019073	-1.06	69.47	234.74	3.38	90.45	278.27	3.08	94.69	272.38	2.88
hsa-miR-4479	MIMAT0019011	1.16	34.24	132.37	3.87	50.48	135.16	2.68	41.62	115.23	2.77
hsa-miR-1273e	MIMAT0018079	1.59	227.22	588.77	2.59	107.11	466.27	4.35	146.85	332.70	2.27
hsa-miR-4507	MIMAT0019044	-1.09	105.69	347.62	3.29	134.60	340.89	2.53	112.63	375.99	3.34
hsa-miR-4739	MIMAT0019868	-1.38	868.11	2797.47	3.22	1117.13	3326.02	2.98	1477.76	4239.10	2.87
hsa-miR-675-3p	MIMAT0006790	-2.46	53.74	153.22	2.85	49.45	115.69	2.34	85.77	330.84	3.86
hsa-miR-3162-5p	MIMAT0015036	-1.12	130.89	406.74	3.11	200.53	545.15	2.72	168.75	533.42	3.16
hsa-miR-3141	MIMAT0015010	-1.17	115.23	315.24	2.74	104.81	324.83	3.10	125.04	374.43	2.99
hsa-miR-345-3p	MIMAT0022698	-1.34	70.27	163.00	2.32	67.87	228.51	3.37	85.59	263.17	3.07

hsa-miR-6127	MIMAT0024610	-1.42	62.21	159.75	2.57	55.99	152.38	2.72	66.09	221.06	3.34
hsa-miR-92b-5p	MIMAT0004792	-1.03	327.02	896.87	2.74	399.81	1228.21	3.07	388.97	1095.85	2.82
hsa-miR-4722-5p	MIMAT0019836	-1.45	112.91	249.39	2.21	113.66	359.56	3.16	137.38	442.94	3.22
hsa-miR-4685-5p	MIMAT0019771	1.68	104.81	409.86	3.91	123.06	322.88	2.62	106.58	218.27	2.05
hsa-miR-6090	MIMAT0023715	-1.19	3559.29	12125.03	3.41	3444.48	8220.21	2.39	4400.22	12125.03	2.76
hsa-miR-1229-5p	MIMAT0022942	-1.13	174.15	535.11	3.07	211.73	582.15	2.75	236.66	632.34	2.67
hsa-miR-654-5p	MIMAT0003330	-1.03	48.75	142.82	2.93	47.63	126.99	2.67	49.02	138.31	2.82
hsa-miR-3153	MIMAT0015026	-1.81	60.63	131.72	2.17	57.72	124.06	2.15	57.45	231.88	4.04
hsa-miR-4488	MIMAT0019022	-1.97	4117.11	10455.01	2.54	3246.33	6997.81	2.16	4743.38	17216.53	3.63
hsa-miR-5001-5p	MIMAT0021021	-1.28	463.22	1395.42	3.01	513.76	1050.03	2.04	480.94	1566.08	3.26
hsa-miR-873-3p	MIMAT0022717	-1.15	45.30	113.17	2.50	50.40	163.00	3.23	61.99	158.72	2.56
hsa-miR-3936	MIMAT0018351	1.02	50.10	165.21	3.30	47.10	123.65	2.63	62.49	142.18	2.28
hsa-miR-5196-5p	MIMAT0021128	1.11	82.99	193.68	2.33	59.49	192.74	3.24	67.36	174.15	2.59
hsa-miR-4750-5p	MIMAT0019887	-1.01	100.11	319.90	3.20	111.72	225.41	2.02	96.18	274.17	2.85
hsa-miR-4526	MIMAT0019065	1.14	90.45	322.88	3.57	108.97	248.51	2.28	115.69	251.42	2.17
hsa-miR-2277-5p	MIMAT0017352	1.36	44.63	123.06	2.76	39.22	125.88	3.21	44.93	91.71	2.04
hsa-miR-3124-5p	MIMAT0014986	-1.36	48.29	119.21	2.47	42.20	112.12	2.66	55.77	156.82	2.81
hsa-miR-4733-3p	MIMAT0019858	1.04	42.10	105.69	2.51	38.04	125.55	3.30	53.11	111.03	2.09
hsa-miR-3187-5p	MIMAT0019216	-1.55	99.31	213.22	2.15	92.79	220.45	2.38	102.53	335.94	3.28
hsa-miR-3616-3p	MIMAT0017996	-1.27	65.93	195.14	2.96	72.66	195.14	2.69	116.51	247.24	2.12
hsa-miR-6087	MIMAT0023712	-1.44	1228.21	3657.81	2.98	1421.25	3162.22	2.22	1919.52	4905.14	2.56
hsa-miR-4481	MIMAT0019015	-1.03	66.84	222.46	3.33	87.61	182.94	2.09	88.87	208.02	2.34
hsa-miR-1207-5p	MIMAT0005871	1.15	150.20	428.01	2.85	145.51	363.02	2.49	167.15	344.18	2.06
hsa-miR-1225-3p	MIMAT0005573	-1.09	74.13	195.92	2.64	81.99	191.76	2.34	87.61	211.73	2.42
hsa-miR-3918	MIMAT0018192	-1.22	121.43	247.24	2.04	135.77	352.44	2.60	150.20	365.86	2.44
hsa-miR-637	MIMAT0003307	-1.11	50.73	118.89	2.34	49.70	105.14	2.12	53.55	124.65	2.33
hsa-miR-30c-2-3p	MIMAT0004550	-1.09	48.16	101.51	2.11	44.11	94.87	2.15	46.23	106.58	2.31
hsa-miR-1292-3p	MIMAT0022948	1.01	49.27	107.11	2.17	58.12	121.43	2.09	51.97	113.66	2.19

Name: miRNA name; ID: accession number; A vs. NA (M): aggressive (D382 and D341) vs. nonaggressive cell lines (DAOY); FC: fold change (impossible to calculate when missing values); D283-C: intercellular miRNAs in D283; D283-M: miRNAs in culture medium of D283; D341-C: intercellular miRNAs in D341; D341-M: miRNAs in culture medium of D341; DAOY-C: intercellular miRNAs in DAOY; DAOY-M: miRNAs in culture medium of DAOY; M vs. C: comparison miRNAs in culture medium/intercellular miRNAs