

Table S1 Statistics of significant up-regulated known miRNAs in MC vs. C according to absolute abundance of miRNA

MiRNA ID	Read count (C)	Read count (MC)	Expression (C)	Expression (MC)	Log ₂ ratio (MC/C)	Up or down	P value	Q value
Hsa-miR-4532	5,153	54,574	86.09333333	735.1433333	3.200379125	Up	0	0
Hsa-miR-378b	88	39,920	1.446666667	561.8833333	8.621042314	Up	0	0
Hsa-miR-199b-3p	2,459	13,351	51.07666667	186.4066667	2.236453998	Up	0	0
Hsa-miR-378g	226	6,542	3.456666667	87.03	4.650986914	Up	0	0
Hsa-miR-3656	323	1,582	5.65	21.30666667	2.087793362	Up	3.27E-165	1.58E-164
Hsa-miR-375	120	1,419	2.02	19.72666667	3.359418111	Up	6.80E-246	4.20E-245
Hsa-miR-3591-5p	93	1,351	1.406666667	18.87666667	3.656302981	Up	3.64E-250	2.35E-249
Hsa-miR-4485-3p	249	1,261	4	17.58	2.136000461	Up	6.41E-136	2.76E-135
Hsa-miR-206	3	1,124	0.077333333	14.94033333	8.345113652	Up	8.43E-214	4.68E-213
Hsa-miR-1-3p	3	681	0.053333333	9.06	7.62219832	Up	1.49E-139	6.61E-139
Hsa-miR-184	20	375	0.356666667	5.25	4.024468523	Up	1.92E-75	7.12E-75
Hsa-miR-7641	51	312	0.796666667	4.183333333	2.40862671	Up	3.20E-40	9.61E-40
Hsa-miR-4492	34	181	0.64	2.426666667	2.208032878	Up	8.21E-22	1.90E-21

Only miRNAs with a ratio greater than 2 were listed. MiRNAs, microRNA.

Table S2 Statistics of significant up-regulated known miRNAs in ME vs. E according to absolute abundance of miRNA

MiRNA ID	Read count (E)	Read count (ME)	Expression (E)	Expression (ME)	Log ₂ ratio (ME/E)	Up or down	P value	Q value
Hsa-miR-26a-5p	13,243	77,782	314.1466667	1964.033333	2.689915863	Up	0	0
Hsa-miR-150-5p	1,248	19,320	30.89333333	492.57	4.088114767	Up	0	0
Hsa-miR-126-3p	3,157	13,189	80.12666667	335.2633333	2.198418529	Up	0	0
Hsa-miR-26b-5p	2,451	12,123	59.76333333	303.3766667	2.44201388	Up	0	0
Hsa-miR-223-3p	1,996	11,151	48.10666667	286.1366667	2.61769898	Up	0	0
Hsa-miR-3529-3p	801	3,025	18.48	72.67333333	2.052770507	Up	0	0
Hsa-miR-378f	82	2,763	1.683333333	58.667	5.210177354	Up	0	0
Hsa-miR-142-3p	122	2,229	3.203333333	56.74666667	4.327153076	Up	0	0
Hsa-miR-124-3p	16	1,829	0.440333333	46.57366667	6.972548872	Up	0	0
Hsa-miR-28-5p	247	1,593	5.853333333	40.15666667	2.824872832	Up	8.83E-264	3.85E-263
Hsa-miR-199b-3p	118	1,279	2.916666667	32.44333333	3.573867012	Up	1.70E-261	7.21E-261
Hsa-miR-103a-3p	105	1,234	2.36	31.54666667	3.690590674	Up	2.11E-258	8.80E-258
Hsa-miR-155-5p	33	1,149	0.896666667	29.277	5.257478475	Up	1.83E-283	8.22E-283
Hsa-miR-103b	76	1,156	1.986666667	28.56666667	4.062707681	Up	7.43E-258	3.06E-257
Hsa-miR-146b-5p	37	968	0.83	24.76666667	4.845119384	Up	2.38E-234	9.53E-234
Hsa-miR-126-5p	64	907	1.673333333	22.93666667	3.960668253	Up	1.11E-199	4.19E-199
Hsa-miR-140-5p	129	891	2.76	22.19666667	2.923763878	Up	1.34E-153	4.56E-153

Table S2 (continued)

Table S2 (continued)

MiRNA ID	Read count (E)	Read count (ME)	Expression (E)	Expression (ME)	Log ₂ ratio (ME/E)	Up or down	P value	Q value
Hsa-miR-31-5p	293	1,092	6.656666667	21.956666667	2.033709799	Up	2.22E-124	6.92E-124
Hsa-miR-3613-5p	116	849	2.6	21.263333333	3.007349261	Up	1.82E-150	6.05E-150
Hsa-miR-30b-5p	159	805	3.46	20.036666667	2.47567153	Up	1.07E-116	3.01E-116
Hsa-miR-200c-3p	101	711	2.206666667	13.526666667	2.951203779	Up	4.36E-124	1.34E-123
Hsa-miR-205-5p	1	804	0.030666667	13.493666667	9.786761203	Up	4.63E-144	1.49E-143
Hsa-miR-142-5p	127	514	3.436666667	13.07	2.152649375	Up	6.98E-64	1.53E-63
Hsa-miR-199a-5p	22	508	0.513333333	12.533333333	4.66496258	Up	2.44E-122	7.43E-122
Hsa-miR-363-3p	4	409	0.093666667	10.423333333	6.811666545	Up	3.69E-100	9.88E-100
Hsa-miR-186-5p	104	395	2.323333333	9.136666667	2.060978637	Up	6.05E-47	1.17E-46
Hsa-miR-340-5p	76	351	2.03	8.856666667	2.343109219	Up	8.03E-49	1.57E-48
Hsa-miR-374c-3p	15	338	0.323666667	8.583333333	4.629698353	Up	8.26E-82	2.06E-81
Hsa-miR-378i	4	301	0.073666667	8.417	6.369329189	Up	1.33E-75	3.15E-75
Hsa-miR-454-3p	55	277	1.22	6.773333333	2.468091965	Up	3.21E-41	5.93E-41
Hsa-miR-590-3p	47	250	1.07	6.186666667	2.546904945	Up	1.16E-38	2.07E-38
Hsa-miR-148b-3p	28	232	0.633333333	5.693333333	3.186335585	Up	1.05E-44	2.00E-44
Hsa-miR-9-5p	44	283	1.016666667	5.353333333	2.820936136	Up	2.30E-48	4.47E-48
Hsa-miR-106b-5p	39	195	0.78	4.75	2.457637607	Up	2.19E-29	3.36E-29
Hsa-miR-29b-3p	26	211	0.483333333	4.56	3.156368983	Up	1.74E-40	3.17E-40
Hsa-miR-135b-5p	40	193	0.833333333	4.44	2.406238454	Up	1.94E-28	2.93E-28
Hsa-miR-223-5p	28	160	0.633333333	4.120333333	2.650282685	Up	2.09E-26	3.05E-26
Hsa-miR-214-3p	38	160	0.71	4.033333333	2.209710094	Up	1.08E-21	1.40E-21
Hsa-miR-20b-5p	3	119	0.063666667	3.033666667	5.445564775	Up	3.75E-31	6.05E-31
Hsa-miR-27a-5p	25	119	0.516666667	2.8	2.386671086	Up	5.43E-18	6.44E-18
Hsa-miR-449a	20	153	0.44	2.78	3.07116926	Up	4.00E-29	6.07E-29
Hsa-miR-374a-5p	14	110	0.276666667	2.75	3.109714304	Up	1.26E-21	1.62E-21
Hsa-miR-940	34	128	0.766666667	2.736666667	2.048246671	Up	3.39E-16	3.77E-16
Hsa-miR-30e-5p	13	110	0.316666667	2.67	3.216629507	Up	3.01E-22	4.00E-22
Hsa-miR-9-3p	18	102	0.396666667	2.510333333	2.638209853	Up	2.48E-17	2.86E-17
Hsa-miR-362-5p	4	91	0.070666667	2.306666667	4.643504152	Up	2.61E-23	3.59E-23
Hsa-miR-203a-3p	23	135	0.623666667	2.29	2.688963153	Up	7.31E-23	9.95E-23
Hsa-miR-26b-3p	17	89	0.406666667	2.243333333	2.523980102	Up	1.17E-14	1.24E-14

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