

# Impaired expression of DICER, DROSHA, SBDS and some microRNAs in mesenchymal stromal cells from myelodysplastic syndrome patients

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Online Supplementary Table S1. Results from microRNA differential expression tests between HD and MDS samples.

microRNA_name	position	mean_MDS	mean_HD	t_test	p_value	adj_p_value	ΔΔCt	FC = 2 <sup>Δ(-ΔΔCt)</sup>	LOG10(FC)
hsa-miR-34c-5p	hsa-miR-34c-5p-4373036	18,0181	13,9555	4,0271	0,0003	0,0743	4,0626	0,0598	-1,2230
hsa-miR-199a-5p	hsa-miR-199a-5p-4373272	16,0181	12,2645	3,5482	0,0012	0,0743	3,7536	0,0741	-1,1300
hsa-miR-129-3p	hsa-miR-129-3p-4373297	19,6921	15,6335	3,5116	0,0013	0,0743	4,0586	0,0600	-1,2218
hsa-miR-199b-5p	hsa-miR-199b-5p-4373100	18,5736	15,3155	3,4103	0,0018	0,0743	3,2581	0,1045	-0,9808
hsa-miR-195	hsa-miR-195-4373105	10,2036	7,7855	3,3629	0,0020	0,0743	2,4181	0,1871	-0,7279
hsa-miR-18b	hsa-miR-18b-4395328	19,8791	17,4215	3,3279	0,0022	0,0743	2,4576	0,1820	-0,7398
hsa-miR-194	hsa-miR-194-4373106	15,6161	12,4965	3,3191	0,0023	0,0743	3,1196	0,1151	-0,9391
hsa-miR-10b	hsa-miR-10b-4395329	14,7621	10,5065	3,2991	0,0024	0,0743	4,2556	0,0524	-1,2811
hsa-miR-331-5p	hsa-miR-331-5p-4395344	19,0951	15,3875	3,2885	0,0024	0,0743	3,7076	0,0765	-1,1161
hsa-miR-148a	hsa-miR-148a-4373130	13,0111	10,0065	3,2874	0,0024	0,0743	3,0046	0,1246	-0,9045
hsa-miR-652	hsa-miR-652-4395463	17,2911	14,0165	3,2256	0,0029	0,0743	3,2746	0,1033	-0,9858
hsa-miR-19a	hsa-miR-19a-4373099	9,7906	7,4425	3,2102	0,0030	0,0743	2,3481	0,1964	-0,7069
hsa-miR-18a	hsa-miR-18a-4395533	15,9036	12,2855	3,2097	0,0030	0,0743	3,6181	0,0814	-1,0892
hsa-miR-503	hsa-miR-503-4373228	19,5326	15,7725	3,2068	0,0030	0,0743	3,7601	0,0738	-1,1319
hsa-miR-382	hsa-miR-382-4373019	12,9836	10,1915	3,1785	0,0033	0,0743	2,7921	0,1444	-0,8405
hsa-miR-214	hsa-miR-214-4395417	8,2971	6,2895	3,1775	0,0033	0,0743	2,0076	0,2487	-0,6044
hsa-miR-376c	hsa-miR-376c-4395233	10,0636	7,8195	3,1647	0,0034	0,0743	2,2441	0,2111	-0,6755
hsa-miR-224	hsa-miR-224-4395210	11,5326	9,0585	3,0528	0,0045	0,0743	2,4741	0,1800	-0,7448
RNU44	RNU44-4373384	7,6201	5,7325	3,0343	0,0047	0,0743	1,8876	0,2703	-0,5682
hsa-miR-452	hsa-miR-452-4395440	12,0411	10,2655	2,9865	0,0054	0,0743	1,7756	0,2921	-0,5345
hsa-miR-301b	hsa-miR-301b-4395503	16,9151	13,6105	2,9814	0,0054	0,0743	3,3046	0,1012	-0,9948
hsa-miR-27a	hsa-miR-27a-4373287	8,6006	6,0105	2,9785	0,0055	0,0743	2,5901	0,1661	-0,7797
hsa-miR-199a-3p	hsa-miR-199a-3p-4395415	6,3411	4,2535	2,9674	0,0056	0,0743	2,0876	0,2353	-0,6284
hsa-miR-655	hsa-miR-655-4381015	14,1131	11,1675	2,9566	0,0058	0,0743	2,9456	0,1298	-0,8867
hsa-miR-25	hsa-miR-25-4373071	13,0906	10,2225	2,9547	0,0058	0,0743	2,8681	0,1370	-0,8634
hsa-miR-21	hsa-miR-21-4373090	6,6901	3,9155	2,9352	0,0061	0,0743	2,7746	0,1461	-0,8352
hsa-miR-19b	hsa-miR-19b-4373098	6,7906	4,4885	2,9351	0,0061	0,0743	2,3021	0,2028	-0,6930
hsa-miR-92a	hsa-miR-92a-4395169	11,4006	9,3555	2,9320	0,0062	0,0743	2,0451	0,2423	-0,6156
hsa-miR-376a	hsa-miR-376a-4373026	10,9846	8,9735	2,9165	0,0064	0,0743	2,0111	0,2481	-0,6054
hsa-miR-204	hsa-miR-204-4373094	15,4806	12,4465	2,9073	0,0065	0,0743	3,0341	0,1221	-0,9134
hsa-miR-431	hsa-miR-431-4395173	13,6261	10,3025	2,9055	0,0066	0,0743	3,3236	0,0999	-1,0005
hsa-miR-23b	hsa-miR-23b-4373073	15,5511	11,7755	2,8905	0,0068	0,0743	3,7756	0,0730	-1,1366
hsa-miR-450b-5p	hsa-miR-450b-5p-4395318	15,9386	13,5845	2,8757	0,0071	0,0743	2,3541	0,1956	-0,7087

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hsa-miR-424	hsa-miR-424-4373201	17,4396	13,8895	2,8655	0,0073	0,0743	3,5501	0,0854	-1,0687
hsa-miR-625	hsa-miR-625-4395542	16,7331	14,2405	2,8496	0,0076	0,0743	2,4926	0,1777	-0,7504
hsa-miR-26a	hsa-miR-26a-4395166	7,7486	5,3305	2,8369	0,0078	0,0743	2,4181	0,1871	-0,7279
hsa-miR-654-5p	hsa-miR-654-5p-4381014	18,7871	15,6185	2,8145	0,0083	0,0743	3,1686	0,1112	-0,9539
hsa-miR-345	hsa-miR-345-4395297	10,7256	8,5725	2,8138	0,0083	0,0743	2,1531	0,2248	-0,6482
hsa-miR-22	hsa-miR-22-4373079	13,2556	9,4145	2,7898	0,0088	0,0743	3,8411	0,0698	-1,1563
hsa-miR-579	hsa-miR-579-4395509	19,5691	16,5065	2,7895	0,0088	0,0743	3,0626	0,1197	-0,9219
hsa-miR-545	hsa-miR-545-4395378	18,5121	15,3655	2,7890	0,0088	0,0743	3,1466	0,1129	-0,9472
hsa-miR-495	hsa-miR-495-4381078	11,7121	9,2005	2,7880	0,0088	0,0743	2,5116	0,1754	-0,7561
hsa-miR-361-5p	hsa-miR-361-5p-4373035	15,9201	12,2525	2,7875	0,0088	0,0743	3,6676	0,0787	-1,1041
hsa-miR-758	hsa-miR-758-4395180	16,2886	12,6335	2,7838	0,0089	0,0743	3,6551	0,0794	-1,1003
hsa-miR-454	hsa-miR-454-4395434	8,2446	7,1295	2,7820	0,0090	0,0743	1,1151	0,4617	-0,3357
hsa-miR-27b	hsa-miR-27b-4373068	11,6321	8,4845	2,7737	0,0091	0,0743	3,1476	0,1128	-0,9475
hsa-miR-532-5p	hsa-miR-532-5p-4380928	10,9561	8,4815	2,7709	0,0092	0,0743	2,4746	0,1799	-0,7449
hsa-miR-127-3p	hsa-miR-127-3p-4373147	9,6076	6,8775	2,7674	0,0093	0,0743	2,7301	0,1507	-0,8218
hsa-miR-93	hsa-miR-93-4373302	10,0631	7,6085	2,7499	0,0097	0,0747	2,4546	0,1824	-0,7389
hsa-miR-409-5p	hsa-miR-409-5p-4395442	18,6691	15,1245	2,7457	0,0098	0,0747	3,5446	0,0857	-1,0670
hsa-miR-16	hsa-miR-16-4373121	4,8666	3,5335	2,7398	0,0099	0,0747	1,3331	0,3969	-0,4013
hsa-miR-152	hsa-miR-152-4395170	8,8716	6,8655	2,7267	0,0103	0,0747	2,0061	0,2489	-0,6039
hsa-miR-15b	hsa-miR-15b-4373122	11,6046	9,4935	2,7127	0,0106	0,0747	2,1111	0,2315	-0,6355
hsa-miR-128	hsa-miR-128-4395327	16,0246	12,8415	2,7121	0,0106	0,0747	3,1831	0,1101	-0,9582
hsa-miR-654-3p	hsa-miR-654-3p-4395350	19,1366	15,6805	2,7060	0,0108	0,0747	3,4561	0,0911	-1,0404
hsa-miR-411	hsa-miR-411-4381013	9,4556	7,6765	2,7024	0,0109	0,0747	1,7791	0,2914	-0,5356
hsa-miR-20b	hsa-miR-20b-4373263	15,0071	12,8375	2,6708	0,0118	0,0793	2,1696	0,2223	-0,6531
hsa-miR-32	hsa-miR-32-4395220	17,7611	14,7945	2,6558	0,0122	0,0797	2,9666	0,1279	-0,8930
hsa-miR-217	hsa-miR-217-4395448	20,4811	18,1125	2,6468	0,0125	0,0797	2,3686	0,1936	-0,7130
hsa-miR-31	hsa-miR-31-4395390	5,9541	4,1205	2,6432	0,0126	0,0797	1,8336	0,2806	-0,5520
hsa-miR-26b	hsa-miR-26b-4395167	9,3771	7,3165	2,6333	0,0129	0,0797	2,0606	0,2397	-0,6203
hsa-miR-323-3p	hsa-miR-323-3p-4395338	12,0391	10,0805	2,6250	0,0131	0,0797	1,9586	0,2573	-0,5896
hsa-miR-330-5p	hsa-miR-330-5p-4395341	21,0006	18,6575	2,6165	0,0134	0,0797	2,3431	0,1971	-0,7054
hsa-miR-455-5p	hsa-miR-455-5p-4378098	13,3846	10,7005	2,6094	0,0136	0,0797	2,6841	0,1556	-0,8080
hsa-miR-218	hsa-miR-218-4373081	10,2596	8,5925	2,5962	0,0141	0,0797	1,6671	0,3149	-0,5019
hsa-miR-20a	hsa-miR-20a-4373286	9,9271	6,7605	2,5948	0,0141	0,0797	3,1666	0,1114	-0,9532
hsa-miR-17	hsa-miR-17-4395419	6,8131	4,8285	2,5912	0,0143	0,0797	1,9846	0,2527	-0,5974
hsa-miR-107	hsa-miR-107-4373154	19,2521	16,7265	2,5837	0,0145	0,0797	2,5256	0,1737	-0,7603
hsa-miR-34a	hsa-miR-34a-4395168	10,5241	7,5065	2,5836	0,0145	0,0797	3,0176	0,1235	-0,9084
hsa-miR-500	hsa-miR-500-4395539	15,1136	12,5115	2,5773	0,0147	0,0797	2,6021	0,1647	-0,7833
hsa-miR-140-5p	hsa-miR-140-5p-4373374	6,5596	4,3825	2,5734	0,0149	0,0797	2,1771	0,2211	-0,6554
hsa-miR-615-3p	hsa-miR-615-3p-4386777	20,6796	18,3145	2,5716	0,0149	0,0797	2,3651	0,1941	-0,7120
hsa-miR-137	hsa-miR-137-4373301	11,7021	9,6805	2,5591	0,0154	0,0801	2,0216	0,2463	-0,6086
hsa-miR-339-5p	hsa-miR-339-5p-4395368	14,4536	11,8165	2,5490	0,0158	0,0801	2,6371	0,1607	-0,7939
hsa-miR-106a	hsa-miR-106a-4395280	7,0401	4,9495	2,5382	0,0162	0,0801	2,0906	0,2348	-0,6293
hsa-miR-487b	hsa-miR-487b-4378102	12,7071	10,6465	2,5378	0,0162	0,0801	2,0606	0,2397	-0,6203
hsa-miR-203	hsa-miR-203-4373095	18,8981	15,9005	2,5305	0,0165	0,0801	2,9976	0,1252	-0,9024
hsa-miR-29b	hsa-miR-29b-4373288	14,6246	11,4095	2,5278	0,0166	0,0801	3,2151	0,1077	-0,9678
hsa-miR-629	hsa-miR-629-4395547	19,7676	16,9575	2,5090	0,0173	0,0801	2,8101	0,1426	-0,8459
hsa-miR-130a	hsa-miR-130a-4373145	12,6396	9,9315	2,5087	0,0173	0,0801	2,7081	0,1530	-0,8152
hsa-miR-106b	hsa-miR-106b-4373155	10,9141	8,7695	2,5070	0,0174	0,0801	2,1446	0,2262	-0,6456
hsa-miR-15a	hsa-miR-15a-4373123	14,5696	11,5415	2,5057	0,0175	0,0801	3,0281	0,1226	-0,9116
hsa-miR-101	hsa-miR-101-4395364	16,2641	13,2465	2,5034	0,0176	0,0801	3,0176	0,1235	-0,9084
hsa-miR-505	hsa-miR-505-4395200	19,4196	16,8865	2,4981	0,0178	0,0801	2,5331	0,1728	-0,7625
hsa-miR-192	hsa-miR-192-4373108	14,2761	12,1645	2,4967	0,0178	0,0801	2,1116	0,2314	-0,6357
hsa-miR-30c	hsa-miR-30c-4373060	7,3776	5,5375	2,4943	0,0179	0,0801	1,8401	0,2793	-0,5539
hsa-miR-570	hsa-miR-570-4395458	21,1161	19,2445	2,4884	0,0182	0,0803	1,8716	0,2733	-0,5634
hsa-miR-324-3p	hsa-miR-324-3p-4395272	11,9161	10,2475	2,4743	0,0188	0,0820	1,6686	0,3146	-0,5023
hsa-miR-29a	hsa-miR-29a-4395223	4,2666	2,3395	2,4527	0,0198	0,0837	1,9271	0,2630	-0,5801
hsa-miR-886-5p	hsa-miR-886-5p-4395304	9,5386	8,0665	2,4526	0,0198	0,0837	1,4721	0,3605	-0,4432
hsa-miR-193a-5p	hsa-miR-193a-5p-4395392	9,9521	7,7835	2,4514	0,0198	0,0837	2,1686	0,2224	-0,6528
hsa-miR-145	hsa-miR-145-4395389	5,4431	3,4925	2,4446	0,0201	0,0839	1,9506	0,2587	-0,5872
hsa-miR-340	hsa-miR-340-4395369	13,5991	11,2185	2,4364	0,0205	0,0839	2,3806	0,1920	-0,7166
hsa-miR-590-5p	hsa-miR-590-5p-4395176	10,8406	8,8305	2,4332	0,0207	0,0839	2,0101	0,2483	-0,6051
hsa-miR-379	hsa-miR-379-4373349	12,0746	9,7675	2,4265	0,0210	0,0839	2,3071	0,2021	-0,6945
hsa-miR-485-3p	hsa-miR-485-3p-4378095	13,1001	11,0665	2,4259	0,0210	0,0839	2,0336	0,2442	-0,6122
hsa-miR-130b	hsa-miR-130b-4373144	13,8791	11,2515	2,4191	0,0214	0,0839	2,6276	0,1618	-0,7910
hsa-miR-301a	hsa-miR-301a-4373064	13,7216	11,3235	2,4183	0,0214	0,0839	2,3981	0,1897	-0,7219
hsa-miR-125b	hsa-miR-125b-4373148	6,6856	4,6655	2,4091	0,0219	0,0848	2,0201	0,2465	-0,6081
hsa-miR-190	hsa-miR-190-4373110	18,2801	15,6565	2,4045	0,0221	0,0848	2,6236	0,1623	-0,7898
hsa-miR-299-5p	hsa-miR-299-5p-4373188	15,0781	12,6445	2,3988	0,0224	0,0848	2,4336	0,1851	-0,7326
hsa-let-7f	hsa-let-7f-4373164	15,5121	12,4395	2,3964	0,0225	0,0848	3,0726	0,1189	-0,9250
hsa-miR-221	hsa-miR-221-4373077	8,1521	5,4955	2,3826	0,0233	0,0849	2,6566	0,1586	-0,7997
hsa-miR-198	hsa-miR-198-4395384	20,0736	17,3655	2,3794	0,0234	0,0849	2,7081	0,1530	-0,8152
hsa-miR-886-3p	hsa-miR-886-3p-4395305	11,0861	8,8495	2,3712	0,0239	0,0849	2,2366	0,2122	-0,6733

hsa-miR-455-3p	hsa-miR-455-3p-4395355	14,7051	12,1675	2,3658	0,0242	0,0849	2,5376	0,1722	-0,7639
hsa-miR-708	hsa-miR-708-4395452	10,8391	8,1895	2,3644	0,0243	0,0849	2,6496	0,1594	-0,7976
hsa-miR-103	hsa-miR-103-4373158	11,2461	9,7195	2,3630	0,0243	0,0849	1,5266	0,3471	-0,4596
hsa-miR-660	hsa-miR-660-4380925	11,1721	9,1785	2,3595	0,0245	0,0849	1,9936	0,2511	-0,6001
hsa-miR-143	hsa-miR-143-4395360	7,0901	5,1875	2,3579	0,0246	0,0849	1,9026	0,2675	-0,5727
hsa-miR-335	hsa-miR-335-4373045	11,0516	9,0675	2,3561	0,0247	0,0849	1,9841	0,2528	-0,5973
hsa-miR-328	hsa-miR-328-4373049	12,8191	10,6975	2,3554	0,0248	0,0849	2,1216	0,2298	-0,6387
hsa-miR-30b	hsa-miR-30b-4373290	8,5051	6,7965	2,3448	0,0254	0,0855	1,7086	0,3060	-0,5143
hsa-miR-370	hsa-miR-370-4395386	11,3211	9,7155	2,3445	0,0254	0,0855	1,6056	0,3286	-0,4833
hsa-let-7g	hsa-let-7g-4395393	8,4126	6,8955	2,3375	0,0258	0,0861	1,5171	0,3494	-0,4567
hsa-miR-598	hsa-miR-598-4395179	15,6691	12,6715	2,3297	0,0262	0,0866	2,9976	0,1252	-0,9024
hsa-miR-496	hsa-miR-496-4386771	21,2901	19,6525	2,3270	0,0264	0,0866	1,6376	0,3214	-0,4930
hsa-miR-132	hsa-miR-132-4373143	10,2666	7,9325	2,3238	0,0266	0,0866	2,3341	0,1983	-0,7026
hsa-miR-365	hsa-miR-365-4373194	9,5076	7,6955	2,3192	0,0269	0,0867	1,8121	0,2848	-0,5455
hsa-miR-597	hsa-miR-597-4380960	20,2711	17,8855	2,3076	0,0276	0,0876	2,3856	0,1914	-0,7181
hsa-miR-502-5p	hsa-miR-502-5p-4373227	19,3466	16,7905	2,3070	0,0276	0,0876	2,5561	0,1700	-0,7695
hsa-miR-369-5p	hsa-miR-369-5p-4373195	17,0446	14,6735	2,3040	0,0278	0,0876	2,3711	0,1933	-0,7138
hsa-miR-484	hsa-miR-484-4381032	5,8966	4,7695	2,2907	0,0287	0,0894	1,1271	0,4578	-0,3393
hsa-miR-889	hsa-miR-889-4395313	15,5961	13,8245	2,2876	0,0289	0,0894	1,7716	0,2929	-0,5333
hsa-miR-324-5p	hsa-miR-324-5p-4373052	15,7176	12,6715	2,2747	0,0297	0,0913	3,0461	0,1211	-0,9170
hsa-miR-337-5p	hsa-miR-337-5p-4395267	13,5021	10,7935	2,2641	0,0304	0,0928	2,7086	0,1530	-0,8154
hsa-miR-509-5p	hsa-miR-509-5p-4395346	20,6891	18,9735	2,2575	0,0309	0,0934	1,7156	0,3045	-0,5165
hsa-miR-24	hsa-miR-24-4373072	2,9806	1,6755	2,2465	0,0317	0,0950	1,3051	0,4047	-0,3929
hsa-miR-10a	hsa-miR-10a-4373153	11,2461	9,0185	2,2203	0,0336	0,0999	2,2276	0,2135	-0,6706
hsa-miR-216b	hsa-miR-216b-4395437	21,2901	19,6365	2,2018	0,0350	0,1019	1,6536	0,3178	-0,4978
hsa-miR-494	hsa-miR-494-4395476	10,1751	8,3785	2,2010	0,0350	0,1019	1,7966	0,2878	-0,5408
hsa-miR-429	hsa-miR-429-4373203	20,4276	18,6155	2,1997	0,0351	0,1019	1,8121	0,2848	-0,5455
hsa-miR-574-3p	hsa-miR-574-3p-4395460	4,8341	3,8145	2,1975	0,0353	0,1019	1,0196	0,4932	-0,3069
hsa-miR-532-3p	hsa-miR-532-3p-4395466	11,6371	10,1225	2,1905	0,0358	0,1021	1,5146	0,3500	-0,4559
hsa-miR-185	hsa-miR-185-4395382	12,7921	11,2295	2,1827	0,0365	0,1021	1,5626	0,3385	-0,4704
hsa-miR-28-3p	hsa-miR-28-3p-4395557	8,5221	7,2085	2,1804	0,0366	0,1021	1,3136	0,4023	-0,3954
hsa-miR-28-5p	hsa-miR-28-5p-4373067	10,9741	9,2905	2,1782	0,0368	0,1021	1,6836	0,3113	-0,5068
hsa-miR-186	hsa-miR-186-4395396	7,1916	5,9365	2,1765	0,0370	0,1021	1,2551	0,4190	-0,3778
hsa-miR-222	hsa-miR-222-4395387	2,1356	0,7865	2,1706	0,0374	0,1021	1,3491	0,3925	-0,4061
hsa-miR-493	hsa-miR-493-4395475	12,6166	10,9235	2,1681	0,0376	0,1021	1,6931	0,3093	-0,5097
hsa-miR-154	hsa-miR-154-4373270	21,2901	19,9625	2,1648	0,0379	0,1021	1,3276	0,3984	-0,3997
hsa-miR-299-3p	hsa-miR-299-3p-4373189	20,5186	18,3485	2,1633	0,0380	0,1021	2,1701	0,2222	-0,6533
hsa-miR-100	hsa-miR-100-4373160	5,4101	3,5415	2,1631	0,0381	0,1021	1,8686	0,2738	-0,5625
hsa-miR-296-5p	hsa-miR-296-5p-4373066	16,1181	13,9965	2,1603	0,0383	0,1021	2,1216	0,2298	-0,6387
hsa-miR-29c	hsa-miR-29c-4395171	9,2546	7,6475	2,1464	0,0395	0,1045	1,6071	0,3283	-0,4838
hsa-miR-99a	hsa-miR-99a-4373008	6,4791	4,5715	2,1356	0,0404	0,1058	1,9076	0,2665	-0,5743
hsa-miR-181a	hsa-miR-181a-4373117	13,7576	11,7745	2,1345	0,0405	0,1058	1,9831	0,2529	-0,5970
hsa-miR-196b	hsa-miR-196b-4395326	7,9986	6,8415	2,1277	0,0411	0,1067	1,1571	0,4484	-0,3483
hsa-miR-542-3p	hsa-miR-542-3p-4378101	18,4526	16,3275	2,1154	0,0422	0,1081	2,1251	0,2292	-0,6397
hsa-miR-135a	hsa-miR-135a-4373140	20,9676	19,2015	2,1152	0,0422	0,1081	1,7661	0,2940	-0,5317
hsa-miR-148b	hsa-miR-148b-4373129	15,6831	13,3935	2,0995	0,0437	0,1111	2,2896	0,2045	-0,6892
hsa-let-7d	hsa-let-7d-4395394	10,3401	8,7655	2,0964	0,0440	0,1111	1,5746	0,3357	-0,4740
hsa-miR-155	hsa-miR-155-4395459	9,7316	8,1885	2,0908	0,0445	0,1113	1,5431	0,3431	-0,4645
hsa-miR-433	hsa-miR-433-4373205	14,0316	12,4925	2,0879	0,0448	0,1113	1,5391	0,3441	-0,4633
hsa-miR-618	hsa-miR-618-4380996	18,3306	16,2735	2,0849	0,0451	0,1113	2,0571	0,2403	-0,6193
hsa-miR-362-5p	hsa-miR-362-5p-4378092	12,5051	11,0155	2,0835	0,0452	0,1113	1,4896	0,3561	-0,4484
hsa-miR-539	hsa-miR-539-4378103	9,3311	7,9795	2,0669	0,0469	0,1146	1,3516	0,3919	-0,4069
hsa-miR-744	hsa-miR-744-4395435	10,9811	9,4555	2,0564	0,0479	0,1165	1,5256	0,3473	-0,4593
hsa-miR-522	hsa-miR-522-4395524	20,3956	18,5695	2,0477	0,0488	0,1179	1,8261	0,2820	-0,5497
hsa-let-7a	hsa-let-7a-4373169	10,2101	8,0645	1,9288	0,0626	0,1440	2,1456	0,2260	-0,6459
hsa-miR-23a	hsa-miR-23a-4373074	18,9836	16,8395	1,9968	0,0544	0,1288	2,1441	0,2262	-0,6454
hsa-miR-671-3p	hsa-miR-671-3p-4395433	15,2296	13,1655	1,9417	0,0610	0,1412	2,0641	0,2391	-0,6214
hsa-miR-1	hsa-miR-1-4395333	18,0276	16,1705	1,7694	0,0863	0,1831	1,8571	0,2760	-0,5591
hsa-miR-450a	hsa-miR-450a-4395414	16,9801	15,1265	1,8815	0,0690	0,1540	1,8536	0,2767	-0,5580
hsa-miR-215	hsa-miR-215-4373084	20,5316	18,7185	2,0263	0,0511	0,1226	1,8131	0,2846	-0,5458
hsa-miR-576-3p	hsa-miR-576-3p-4395462	17,8026	16,0565	1,6230	0,1143	0,2240	1,7461	0,2981	-0,5256
hsa-let-7c	hsa-let-7c-4373167	12,3971	10,6875	1,8876	0,0681	0,1539	1,7096	0,3057	-0,5146
hsa-miR-636	hsa-miR-636-4395199	19,4386	17,7715	1,7214	0,0948	0,1946	1,6671	0,3149	-0,5019
hsa-miR-142-3p	hsa-miR-142-3p-4373136	16,2661	14,6085	1,0956	0,2814	0,3520	1,6576	0,3170	-0,4990
hsa-miR-124	hsa-miR-124-4373295	19,1861	17,5745	1,2153	0,2331	0,3499	1,6116	0,3272	-0,4851
hsa-miR-9	hsa-miR-9-4373285	19,3591	17,8395	1,2295	0,2278	0,3499	1,5196	0,3488	-0,4575
hsa-miR-99b	hsa-miR-99b-4373007	10,8381	9,3335	2,0120	0,0526	0,1256	1,5046	0,3524	-0,4529
hsa-miR-518b	hsa-miR-518b-4373246	20,3306	18,8305	1,7964	0,0818	0,1756	1,5001	0,3535	-0,4516
hsa-miR-627	hsa-miR-627-4380967	20,6106	19,1345	1,8523	0,0732	0,1606	1,4761	0,3595	-0,4444
hsa-miR-487a	hsa-miR-487a-4378097	18,7936	17,3505	1,1759	0,2483	0,3499	1,4431	0,3678	-0,4344
hsa-miR-381	hsa-miR-381-4373020	20,9506	19,5255	1,6812	0,1024	0,2048	1,4251	0,3724	-0,4290
hsa-miR-302a	hsa-miR-302a-4378070	20,6186	19,2215	1,3842	0,1758	0,3155	1,3971	0,3797	-0,4206

hsa-miR-98	hsa-miR-98-4373009	14,9776	13,6115	1,5624	0,1280	0,2433	1,3661	0,3879	-0,4112
hsa-miR-874	hsa-miR-874-4395379	20,3016	18,9385	1,6622	0,1062	0,2102	1,3631	0,3887	-0,4103
hsa-miR-519a	hsa-miR-519a-4395526	19,3146	17,9565	1,2376	0,2248	0,3499	1,3581	0,3901	-0,4088
hsa-miR-582-3p	hsa-miR-582-3p-4395510	21,2901	19,9535	1,9412	0,0610	0,1412	1,3366	0,3959	-0,4024
hsa-miR-125a-3p	hsa-miR-125a-3p-4395310	16,1581	14,8335	1,1567	0,2559	0,3499	1,3246	0,3993	-0,3988
hsa-miR-582-5p	hsa-miR-582-5p-4395175	20,7931	19,4735	1,7452	0,0905	0,1878	1,3196	0,4006	-0,3972
hsa-miR-127-5p	hsa-miR-127-5p-4395340	20,8256	19,5145	1,7523	0,0892	0,1862	1,3111	0,4030	-0,3947
hsa-miR-542-5p	hsa-miR-542-5p-4395351	16,6846	15,4025	1,3240	0,1948	0,3448	1,2821	0,4112	-0,3860
hsa-miR-193a-3p	hsa-miR-193a-3p-4395361	12,0746	10,8005	1,5300	0,1358	0,2556	1,2741	0,4135	-0,3835
hsa-miR-216a	hsa-miR-216a-4395331	20,8881	19,6265	1,5780	0,1243	0,2397	1,2616	0,4171	-0,3798
hsa-miR-146b-5p	hsa-miR-146b-5p-4373178	8,8081	7,5585	1,9030	0,0660	0,1500	1,2496	0,4206	-0,3762
hsa-miR-501-5p	hsa-miR-501-5p-4373226	14,0001	12,7545	1,5804	0,1238	0,2397	1,2456	0,4217	-0,3750
hsa-miR-589	hsa-miR-589-4395520	21,2901	20,0845	1,8837	0,0687	0,1540	1,2056	0,4336	-0,3629
hsa-miR-134	hsa-miR-134-4373299	9,9736	8,7715	1,9641	0,0582	0,1370	1,2021	0,4346	-0,3619
hsa-miR-296-3p	hsa-miR-296-3p-4395212	21,0661	19,8765	1,7961	0,0819	0,1756	1,1896	0,4384	-0,3581
hsa-miR-491-5p	hsa-miR-491-5p-4381053	11,3831	10,2085	1,8673	0,0710	0,1567	1,1746	0,4430	-0,3536
hsa-miR-410	hsa-miR-410-4378093	12,6521	11,4995	1,9178	0,0640	0,1464	1,1526	0,4498	-0,3470
hsa-miR-135b	hsa-miR-135b-4395372	16,5861	15,4345	1,0250	0,3130	0,3828	1,1516	0,4501	-0,3467
hsa-miR-651	hsa-miR-651-4381007	21,0471	19,8955	1,5733	0,1254	0,2397	1,1516	0,4501	-0,3467
hsa-miR-187	hsa-miR-187-4373307	19,0191	17,8715	1,0636	0,2954	0,3671	1,1476	0,4514	-0,3455
hsa-miR-342-5p	hsa-miR-342-5p-4395258	20,8631	19,7275	1,8172	0,0785	0,1713	1,1356	0,4551	-0,3419
hsa-miR-674	hsa-miR-674-4395193	21,2901	20,1625	1,8747	0,0699	0,1552	1,1276	0,4577	-0,3394
hsa-let-7e	hsa-let-7e-4395517	5,6896	4,5705	1,7532	0,0891	0,1862	1,1191	0,4604	-0,3369
hsa-miR-374a	hsa-miR-374a-4373028	8,7656	7,6615	1,9616	0,0585	0,1370	1,1041	0,4652	-0,3324
hsa-miR-541	hsa-miR-541-4395312	20,6531	19,5535	1,1814	0,2461	0,3499	1,0996	0,4666	-0,3310
hsa-miR-885-5p	hsa-miR-885-5p-4395407	16,6256	15,5395	0,9486	0,3499	0,4134	1,0861	0,4710	-0,3270
hsa-miR-576-5p	hsa-miR-576-5p-4395461	20,5961	19,5545	1,2215	0,2308	0,3499	1,0416	0,4858	-0,3136
hsa-miR-33b	hsa-miR-33b-4395196	21,2901	20,2495	1,7020	0,0984	0,1999	1,0406	0,4861	-0,3133
hsa-miR-423-5p	hsa-miR-423-5p-4395451	14,9156	13,8785	1,1045	0,2776	0,3499	1,0371	0,4873	-0,3122
hsa-miR-339-3p	hsa-miR-339-3p-4395295	11,4601	10,4235	1,6949	0,0998	0,2016	1,0366	0,4875	-0,3121
hsa-miR-376b	hsa-miR-376b-4373196	21,2551	20,2225	1,6668	0,1052	0,2094	1,0326	0,4888	-0,3109
hsa-miR-425	hsa-miR-425-4380926	11,5621	10,5335	1,7325	0,0928	0,1915	1,0286	0,4902	-0,3096
hsa-miR-523	hsa-miR-523-4395497	20,9336	19,9085	1,3159	0,1975	0,3471	1,0251	0,4914	-0,3086
hsa-miR-146a	hsa-miR-146a-4373132	9,7786	8,7615	0,9614	0,3435	0,4106	1,0171	0,4941	-0,3062
hsa-miR-548d-3p	hsa-miR-548d-3p-4381008	21,2596	20,2445	1,6249	0,1139	0,2240	1,0151	0,4948	-0,3056
hsa-miR-422a	hsa-miR-422a-4395408	14,1341	13,1355	1,3472	0,1873	0,3331	0,9986	0,5005	-0,3006
hsa-miR-507	hsa-miR-507-4373232	21,2901	20,2925	1,5730	0,1255	0,2397	0,9976	0,5008	-0,3003
hsa-miR-200a	hsa-miR-200a-4378069	20,5931	19,6015	1,3470	0,1874	0,3331	0,9916	0,5029	-0,2985
hsa-miR-519e	hsa-miR-519e-4395481	21,2901	20,3085	1,4211	0,1649	0,3015	0,9816	0,5064	-0,2955
hsa-miR-502-3p	hsa-miR-502-3p-4395194	16,8181	15,8395	0,9357	0,3564	0,4185	0,9786	0,5075	-0,2946
hsa-miR-139-5p	hsa-miR-139-5p-4395400	15,7156	14,7445	1,0171	0,3167	0,3861	0,9711	0,5101	-0,2923
hsa-miR-149	hsa-miR-149-4395366	10,1421	9,1785	1,5249	0,1370	0,2563	0,9636	0,5128	-0,2901
hsa-miR-193b	hsa-miR-193b-4395478	6,2116	5,2495	1,7851	0,0837	0,1785	0,9621	0,5133	-0,2896
hsa-miR-105	hsa-miR-105-4395278	21,2901	20,3445	1,3970	0,1720	0,3100	0,9456	0,5192	-0,2847
hsa-miR-200c	hsa-miR-200c-4395411	14,9621	14,0355	1,1811	0,2462	0,3499	0,9266	0,5261	-0,2789
hsa-miR-338-3p	hsa-miR-338-3p-4395363	20,9826	20,0695	1,2392	0,2242	0,3499	0,9131	0,5310	-0,2749
hsa-miR-520f	hsa-miR-520f-4373256	21,2011	20,3095	1,4154	0,1665	0,3031	0,8916	0,5390	-0,2684
hsa-miR-548b-5p	hsa-miR-548b-5p-4395519	21,2871	20,4255	1,5232	0,1375	0,2563	0,8616	0,5503	-0,2594
hsa-miR-489	hsa-miR-489-4395469	17,6536	16,7975	0,8013	0,4288	0,4858	0,8561	0,5524	-0,2577
hsa-miR-210	hsa-miR-210-4373089	8,4031	7,5475	1,2524	0,2195	0,3499	0,8556	0,5526	-0,2576
hsa-miR-453	hsa-miR-453-4395429	21,0166	20,1705	1,1480	0,2594	0,3499	0,8461	0,5563	-0,2547
hsa-miR-544	hsa-miR-544-4395376	21,1406	20,2955	1,3145	0,1980	0,3471	0,8451	0,5567	-0,2544
hsa-miR-302b	hsa-miR-302b-4378071	17,6011	16,7625	0,7098	0,4829	0,5375	0,8386	0,5592	-0,2525
hsa-miR-504	hsa-miR-504-4395195	21,2901	20,4515	1,4239	0,1641	0,3015	0,8386	0,5592	-0,2525
hsa-miR-331-3p	hsa-miR-331-3p-4373046	7,3081	6,4705	1,4637	0,1530	0,2824	0,8376	0,5596	-0,2522
hsa-miR-372	hsa-miR-372-4373029	20,9806	20,1435	1,1223	0,2700	0,3499	0,8371	0,5598	-0,2520
hsa-miR-377	hsa-miR-377-4373025	21,0226	20,1975	1,3068	0,2005	0,3499	0,8251	0,5644	-0,2484
hsa-miR-517a	hsa-miR-517a-4395513	20,9766	20,1515	1,1965	0,2402	0,3499	0,8251	0,5644	-0,2484
hsa-miR-615-5p	hsa-miR-615-5p-4395464	20,4696	19,6635	1,0098	0,3201	0,3890	0,8061	0,5719	-0,2427
hsa-miR-519c-3p	hsa-miR-519c-3p-4373251	21,1201	20,3235	1,2194	0,2315	0,3499	0,7966	0,5757	-0,2398
hsa-miR-342-3p	hsa-miR-342-3p-4395371	8,4291	7,6355	1,7996	0,0813	0,1756	0,7936	0,5769	-0,2389
hsa-miR-140-3p	hsa-miR-140-3p-4395345	9,4611	8,6685	1,6022	0,1189	0,2317	0,7926	0,5773	-0,2386
hsa-miR-518e	hsa-miR-518e-4395506	21,1606	20,3685	1,4028	0,1702	0,3083	0,7921	0,5775	-0,2385
hsa-miR-548d-5p	hsa-miR-548d-5p-4395348	21,0856	20,3045	1,0876	0,2849	0,3551	0,7811	0,5819	-0,2351
hsa-miR-200b	hsa-miR-200b-4395362	18,6341	17,8575	0,7688	0,4476	0,5026	0,7766	0,5837	-0,2338
hsa-miR-191	hsa-miR-191-4395410	4,4746	3,7065	1,6841	0,1018	0,2047	0,7681	0,5872	-0,2312
hsa-miR-517c	hsa-miR-517c-4373264	20,7456	19,9795	0,9865	0,3313	0,3987	0,7661	0,5880	-0,2306
hsa-miR-219-2-3p	hsa-miR-219-2-3p-4395501	21,2901	20,5355	1,2740	0,2118	0,3499	0,7546	0,5927	-0,2272
hsa-miR-518d-3p	hsa-miR-518d-3p-4373248	21,2476	20,5045	1,2654	0,2148	0,3499	0,7431	0,5974	-0,2237
hsa-miR-449b	hsa-miR-449b-4381011	18,9481	18,2095	0,6590	0,5146	0,5678	0,7386	0,5993	-0,2223
hsa-miR-374b	hsa-miR-374b-4381045	7,3421	6,6105	1,4771	0,1494	0,2771	0,7316	0,6022	-0,2202
hsa-miR-551b	hsa-miR-551b-4380945	20,8501	20,1355	0,9562	0,3461	0,4106	0,7146	0,6094	-0,2151



RNU48	RNU48-4373383	3,6401	2,9365	1,7549	0,0888	0,1862	0,7036	0,6140	-0,2118
hsa-miR-153	hsa-miR-153-4373305	21,2901	20,5885	1,2164	0,2327	0,3499	0,7016	0,6149	-0,2112
hsa-miR-223	hsa-miR-223-4395406	12,5476	11,8515	0,5860	0,5620	0,6045	0,6961	0,6172	-0,2096
hsa-miR-518a-3p	hsa-miR-518a-3p-4395508	21,2901	20,5965	1,1802	0,2465	0,3499	0,6936	0,6183	-0,2088
hsa-miR-628-5p	hsa-miR-628-5p-4395544	10,5161	9,8255	1,5364	0,1342	0,2539	0,6906	0,6196	-0,2079
hsa-miR-122	hsa-miR-122-4395356	21,2626	20,5885	1,1590	0,2550	0,3499	0,6741	0,6267	-0,2029
hsa-miR-330-3p	hsa-miR-330-3p-4373047	16,2921	15,6205	1,0301	0,3106	0,3811	0,6716	0,6278	-0,2022
hsa-miR-133b	hsa-miR-133b-4395358	18,5686	17,8995	0,5545	0,5830	0,6254	0,6691	0,6289	-0,2014
hsa-miR-380	hsa-miR-380-4373022	21,2246	20,5575	1,1547	0,2567	0,3499	0,6671	0,6298	-0,2008
hsa-miR-521	hsa-miR-521-4373259	21,2646	20,5975	1,1440	0,2611	0,3499	0,6671	0,6298	-0,2008
hsa-miR-126	hsa-miR-126-4395339	9,5141	8,8495	1,2650	0,2149	0,3499	0,6646	0,6309	-0,2001
hsa-miR-212	hsa-miR-212-4373087	13,2826	12,6275	1,1528	0,2575	0,3499	0,6551	0,6350	-0,1972
hsa-miR-129-5p	hsa-miR-129-5p-4373171	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-139-3p	hsa-miR-139-3p-4395424	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-147	hsa-miR-147-4373131	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-147b	hsa-miR-147b-4395373	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-188-3p	hsa-miR-188-3p-4395217	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-208	hsa-miR-208-4373091	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-219-5p	hsa-miR-219-5p-4373080	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-220	hsa-miR-220-4373078	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-220b	hsa-miR-220b-4395317	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-220c	hsa-miR-220c-4395322	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-298	hsa-miR-298-4395301	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-325	hsa-miR-325-4373051	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-326	hsa-miR-326-4373050	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-346	hsa-miR-346-4373038	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-363	hsa-miR-363-4378090	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-371-3p	hsa-miR-371-3p-4395235	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-384	hsa-miR-384-4373017	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-448	hsa-miR-448-4373206	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-451	hsa-miR-451-4373360	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-488	hsa-miR-488-4395468	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-492	hsa-miR-492-4373217	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-499-3p	hsa-miR-499-3p-4395538	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-506	hsa-miR-506-4373231	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-508-5p	hsa-miR-508-5p-4395203	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-509-3-5p	hsa-miR-509-3-5p-4395266	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-510	hsa-miR-510-4395352	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-512-3p	hsa-miR-512-3p-4381034	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-512-5p	hsa-miR-512-5p-4373238	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-515-5p	hsa-miR-515-5p-4373242	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-516a-5p	hsa-miR-516a-5p-4395527	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-516b	hsa-miR-516b-4395172	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-517b	hsa-miR-517b-4373244	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-518a-5p	hsa-miR-518a-5p-4395507	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-518c	hsa-miR-518c-4395512	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-518d-5p	hsa-miR-518d-5p-4395500	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-520a-3p	hsa-miR-520a-3p-4373268	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-520a-5p	hsa-miR-520a-5p-4378085	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-520b	hsa-miR-520b-4373252	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-520d-5p	hsa-miR-520d-5p-4395504	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-520e	hsa-miR-520e-4373255	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-524-5p	hsa-miR-524-5p-4395174	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-525-3p	hsa-miR-525-3p-4395496	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-525-5p	hsa-miR-525-5p-4378088	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-526b	hsa-miR-526b-4395493	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-548a-5p	hsa-miR-548a-5p-4395523	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-548b-3p	hsa-miR-548b-3p-4380951	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-548c-3p	hsa-miR-548c-3p-4380993	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-556-3p	hsa-miR-556-3p-4395456	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-556-5p	hsa-miR-556-5p-4395455	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-561	hsa-miR-561-4380938	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-624	hsa-miR-624-4395541	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-653	hsa-miR-653-4395403	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-871	hsa-miR-871-4395465	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-872	hsa-miR-872-4395375	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-873	hsa-miR-873-4395467	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-875-3p	hsa-miR-875-3p-4395315	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-876-3p	hsa-miR-876-3p-4395336	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-885-3p	hsa-miR-885-3p-4395483	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-890	hsa-miR-890-4395320	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-891a	hsa-miR-891a-4395302	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941

hsa-miR-891b	hsa-miR-891b-4395321	21,2901	20,6455	1,1015	0,2789	0,3499	0,6446	0,6397	-0,1941
hsa-miR-142-5p	hsa-miR-142-5p-4395359	19,9271	19,2965	0,6789	0,5021	0,5556	0,6306	0,6459	-0,1898
hsa-miR-329	hsa-miR-329-4373191	20,8796	20,2545	0,8348	0,4100	0,4671	0,6251	0,6484	-0,1882
hsa-miR-490-3p	hsa-miR-490-3p-4373215	21,2681	20,6455	1,0330	0,3093	0,3811	0,6226	0,6495	-0,1874
hsa-miR-515-3p	hsa-miR-515-3p-4395480	21,2516	20,6455	1,0315	0,3100	0,3811	0,6061	0,6570	-0,1825
hsa-miR-320	hsa-miR-320-4395388	5,4846	4,8815	1,1208	0,2706	0,3499	0,6031	0,6583	-0,1816
hsa-miR-892a	hsa-miR-892a-4395306	21,2481	20,6455	1,0324	0,3096	0,3811	0,6026	0,6586	-0,1814
hsa-miR-367	hsa-miR-367-4373034	20,0531	19,4525	0,6045	0,5497	0,5930	0,6006	0,6595	-0,1808
hsa-miR-208b	hsa-miR-208b-4395401	20,7806	20,1845	0,7842	0,4387	0,4954	0,5961	0,6615	-0,1795
hsa-miR-518f	hsa-miR-518f-4395499	21,1511	20,5595	0,9555	0,3464	0,4106	0,5916	0,6636	-0,1781
hsa-miR-501-3p	hsa-miR-501-3p-4395546	21,2286	20,6455	0,9749	0,3369	0,4042	0,5831	0,6675	-0,1755
hsa-miR-513-5p	hsa-miR-513-5p-4395201	21,2261	20,6455	0,9925	0,3284	0,3965	0,5806	0,6687	-0,1748
hsa-miR-146b-3p	hsa-miR-146b-3p-4395472	20,8056	20,2285	0,6096	0,5464	0,5916	0,5771	0,6703	-0,1737
hsa-miR-383	hsa-miR-383-4373018	21,1786	20,6085	0,9594	0,3445	0,4106	0,5701	0,6736	-0,1716
hsa-miR-181c	hsa-miR-181c-4373115	18,7476	18,1775	0,7397	0,4649	0,5189	0,5701	0,6736	-0,1716
hsa-miR-491-3p	hsa-miR-491-3p-4395471	21,2071	20,6455	0,9212	0,3638	0,4233	0,5616	0,6775	-0,1691
hsa-miR-205	hsa-miR-205-4373093	21,2041	20,6455	0,9395	0,3545	0,4175	0,5586	0,6789	-0,1682
hsa-miR-96	hsa-miR-96-4373372	20,8181	20,2615	0,6858	0,4978	0,5524	0,5566	0,6799	-0,1676
hsa-miR-373	hsa-miR-373-4378073	21,1916	20,6455	0,9265	0,3611	0,4215	0,5461	0,6849	-0,1644
hsa-miR-183	hsa-miR-183-4395380	21,1846	20,6455	0,8762	0,3874	0,4448	0,5391	0,6882	-0,1623
hsa-miR-133a	hsa-miR-133a-4395357	13,9046	13,3725	0,8423	0,4059	0,4638	0,5321	0,6915	-0,1602
hsa-miR-412	hsa-miR-412-4373199	21,1751	20,6455	0,8750	0,3880	0,4448	0,5296	0,6927	-0,1594
hsa-miR-519d	hsa-miR-519d-4395514	21,1506	20,6225	0,9310	0,3588	0,4200	0,5281	0,6935	-0,1590
hsa-miR-672	hsa-miR-672-4395438	21,1536	20,6455	0,8850	0,3827	0,4427	0,5081	0,7031	-0,1530
hsa-let-7b	hsa-let-7b-4395446	5,9726	5,4915	0,8769	0,3871	0,4448	0,4811	0,7164	-0,1448
hsa-miR-876-5p	hsa-miR-876-5p-4395316	21,1256	20,6455	0,8323	0,4114	0,4674	0,4801	0,7169	-0,1445
hsa-miR-219-1-3p	hsa-miR-219-1-3p-4395206	21,1226	20,6455	0,7466	0,4607	0,5158	0,4771	0,7184	-0,1436
hsa-miR-138	hsa-miR-138-4395395	5,4406	4,9825	0,6434	0,5245	0,5755	0,4581	0,7279	-0,1379
ath-miR159a	ath-miR159a-4373390	21,1006	20,6455	0,7748	0,4441	0,5001	0,4551	0,7294	-0,1370
hsa-miR-486-3p	hsa-miR-486-3p-4395204	17,5106	17,0695	0,3814	0,7054	0,7441	0,4411	0,7366	-0,1328
hsa-miR-548a-3p	hsa-miR-548a-3p-4380948	21,0646	20,6455	0,6283	0,5342	0,5812	0,4191	0,7479	-0,1262
hsa-miR-499-5p	hsa-miR-499-5p-4381047	21,0626	20,6455	0,6088	0,5469	0,5916	0,4171	0,7489	-0,1256
hsa-miR-888	hsa-miR-888-4395323	21,0601	20,6455	0,6502	0,5202	0,5724	0,4146	0,7502	-0,1248
hsa-miR-125a-5p	hsa-miR-125a-5p-4395309	6,6551	6,2665	0,8869	0,3817	0,4427	0,3886	0,7639	-0,1170
hsa-miR-483-5p	hsa-miR-483-5p-4395449	10,8156	10,4645	0,4728	0,6395	0,6822	0,3511	0,7840	-0,1057
hsa-miR-887	hsa-miR-887-4395485	20,9696	20,6315	0,6316	0,5321	0,5804	0,3381	0,7911	-0,1018
hsa-miR-369-3p	hsa-miR-369-3p-4373032	19,8001	19,4855	0,2921	0,7721	0,8100	0,3146	0,8041	-0,0947
hsa-miR-362-3p	hsa-miR-362-3p-4395228	16,1426	15,8345	0,2578	0,7982	0,8284	0,3081	0,8077	-0,0928
hsa-miR-450b-3p	hsa-miR-450b-3p-4395319	20,9441	20,6455	0,4221	0,6758	0,7149	0,2986	0,8130	-0,0899
hsa-miR-520g	hsa-miR-520g-4373257	20,9426	20,6455	0,4673	0,6435	0,6845	0,2971	0,8139	-0,0894
hsa-miR-375	hsa-miR-375-4373027	20,6496	20,4165	0,2922	0,7720	0,8100	0,2331	0,8508	-0,0702
hsa-miR-197	hsa-miR-197-4373102	10,4441	10,2235	0,4252	0,6735	0,7145	0,2206	0,8582	-0,0664
hsa-miR-202	hsa-miR-202-4395474	18,7446	18,5365	0,1944	0,8471	0,8744	0,2081	0,8657	-0,0627
hsa-miR-95	hsa-miR-95-4373011	18,2161	18,0335	0,1733	0,8635	0,8890	0,1826	0,8811	-0,0550
hsa-miR-485-5p	hsa-miR-485-5p-4373212	20,8076	20,6455	0,2598	0,7966	0,8284	0,1621	0,8937	-0,0488
hsa-miR-508-3p	hsa-miR-508-3p-4373233	20,6996	20,6455	0,0744	0,9411	0,9535	0,0541	0,9632	-0,0163
MammU6	MammU6-4395470	0,1106	0,0585	0,2098	0,8352	0,8644	0,0521	0,9645	-0,0157
MammU6	MammU6-4395470	-0,0054	-0,0445	0,1572	0,8760	0,8995	0,0391	0,9732	-0,0118
hsa-miR-211	hsa-miR-211-4373088	20,5886	20,5545	0,0445	0,9647	0,9749	0,0341	0,9766	-0,0103
hsa-miR-511	hsa-miR-511-4373236	19,0356	19,0265	0,0076	0,9940	0,9982	0,0091	0,9937	-0,0027
hsa-miR-184	hsa-miR-184-4373113	16,4636	16,4565	0,0055	0,9956	0,9982	0,0071	0,9951	-0,0021
hsa-miR-548c-5p	hsa-miR-548c-5p-4395540	20,5131	20,5145	-0,0017	0,9986	0,9986	-0,0014	1,0010	0,0004
hsa-miR-449a	hsa-miR-449a-4373207	17,4421	17,4505	-0,0071	0,9944	0,9982	-0,0084	1,0058	0,0025
MammU6	MammU6-4395470	0,0446	0,0635	-0,0761	0,9398	0,9535	-0,0189	1,0132	0,0057
hsa-miR-486-5p	hsa-miR-486-5p-4378096	12,9811	13,0435	-0,1019	0,9195	0,9394	-0,0624	1,0442	0,0188
MammU6	MammU6-4395470	-0,1499	-0,0775	-0,2880	0,7752	0,8111	-0,0724	1,0514	0,0218
hsa-miR-141	hsa-miR-141-4373137	19,9121	19,9915	-0,0870	0,9312	0,9485	-0,0794	1,0566	0,0239
hsa-miR-642	hsa-miR-642-4380995	18,2401	18,3505	-0,1014	0,9198	0,9394	-0,1104	1,0795	0,0332
hsa-miR-302c	hsa-miR-302c-4378072	19,7846	20,0825	-0,2824	0,7794	0,8133	-0,2979	1,2293	0,0897
hsa-miR-182	hsa-miR-182-4395445	20,2921	20,6455	-0,5049	0,6171	0,6600	-0,3534	1,2775	0,1064
hsa-miR-150	hsa-miR-150-4373127	16,3191	17,0645	-0,6379	0,5281	0,5777	-0,7454	1,6764	0,2244
hsa-miR-136	hsa-miR-136-4373173	18,4701	19,3145	-1,0059	0,3219	0,3900	-0,8444	1,7955	0,2542
hsa-miR-616	hsa-miR-616-4395525	18,5886	19,8775	-1,7137	0,0962	0,1965	-1,2889	2,4434	0,3880

**Online Supplementary Table S2.** Interactions found into miRWalk database between our down-regulated microRNAs and DICER1 as a validated target gene.

MicroRNA Name	StemLoopName	p.value	LOG(FC)	miR_Chrom	Gene Name	EntrezID	PubMedID	Referenced Times
hsa-miR-22	hsa-mir-22	0,0088	-1,1563	17	DICER1	23405	20388916	2
hsa-miR-503	hsa-mir-503	0,0030	-1,1319	X	DICER1	23405	19799966	1
hsa-miR-29b	hsa-mir-29b-1	0,0166	-0,9678	7	DICER1	23405	20543536	1
hsa-miR-27b	hsa-mir-27b	0,0091	-0,9475	9	DICER1	23405	20131257	1
hsa-miR-15a	hsa-mir-15a	0,0175	-0,9116	13	DICER1	23405	19416898	4
hsa-miR-203	hsa-mir-203	0,0165	-0,9024	14	DICER1	23405	21307095	2
hsa-miR-32	hsa-mir-32	0,0122	-0,8930	9	DICER1	23405	20519410	1
hsa-miR-25	hsa-mir-25	0,0058	-0,8634	7	DICER1	23405	21256124	1
hsa-miR-21	hsa-mir-21	0,0061	-0,8352	17	DICER1	23405	19843843	8
hsa-miR-130a	hsa-mir-130a	0,0173	-0,8152	11	DICER1	23405	20197067	1
hsa-miR-221	hsa-mir-221	0,0233	-0,7997	X	DICER1	23405	17721077	2
hsa-miR-27a	hsa-mir-27a	0,0055	-0,7797	19	DICER1	23405	19574223	2
hsa-miR-107	hsa-mir-107	0,0145	-0,7603	10	DICER1	23405	21111402	4
hsa-miR-26a	hsa-mir-26a-1	0,0078	-0,7279	3	DICER1	23405	19851984	4
hsa-miR-195	hsa-mir-195	0,0020	-0,7279	17	DICER1	23405	19823043	1
hsa-miR-10a	hsa-mir-10a	0,0336	-0,6706	17	DICER1	23405	21212805	2
hsa-miR-328	hsa-mir-328	0,0248	-0,6387	16	DICER1	23405	20375468	1
hsa-miR-192	hsa-mir-192	0,0178	-0,6357	11	DICER1	23405	20883280	2
hsa-miR-106a	hsa-mir-106a	0,0162	-0,6293	X	DICER1	23405	20584909	1
hsa-miR-26b	hsa-mir-26b	0,0129	-0,6203	2	DICER1	23405	20807761	1
hsa-miR-125b	hsa-mir-125b-1	0,0219	-0,6081	11	DICER1	23405	20194440	2
hsa-miR-17	hsa-mir-17	0,0143	-0,5974	13	DICER1	23405	19446450	5
hsa-miR-145	hsa-mir-145	0,0201	-0,5872	5	DICER1	23405	19142192	2
hsa-miR-29a	hsa-mir-29a	0,0198	-0,5801	7	DICER1	23405	19320780	1
hsa-miR-570	hsa-mir-570	0,0182	-0,5634	3	DICER1	23405	16505370	1
hsa-miR-494	hsa-mir-494	0,0350	-0,5408	14	DICER1	23405	20807887	1
hsa-miR-452	hsa-mir-452	0,0054	-0,5345	X	DICER1	23405	21098571	1
hsa-let-7d	hsa-let-7d	0,0440	-0,4740	9	DICER1	23405	19528081	28
hsa-miR-185	hsa-mir-185	0,0365	-0,4704	22	DICER1	23405	21093320	1
hsa-miR-222	hsa-mir-222	0,0374	-0,4061	X	DICER1	23405	19520829	1
hsa-miR-16	hsa-mir-16-1	0,0099	-0,4013	13	DICER1	23405	15766526	3
hsa-miR-24	hsa-mir-24-1	0,0317	-0,3929	9	DICER1	23405	17613256	4