

Supplementary Table S2. Complete list of known (miRBase v 9) average miRNA read counts from lymphoblastoid cells from centenarians (n=3) and controls (n=3). All reads present in 50% or more samples with a read number greater than 10.

miRNA	Control	Centenarian	Fold Change(Centenarian/Control)
hsa-let-7a	356790	291190	0.816
hsa-let-7a*	36	32	0.898
hsa-let-7b	21231	15935	0.751
hsa-let-7b*	393	417	1.062
hsa-let-7c	356187	290682	0.816
hsa-let-7d	67492	46456	0.688
hsa-let-7d*	50	43	0.853
hsa-let-7e	2221	1430	0.644
hsa-let-7f	1023496	868104	0.848
hsa-let-7f-1*	16	12	0.771
hsa-let-7g	85634	92025	1.075
hsa-let-7i	33043	37673	1.140
hsa-miR-1	66	53	0.803
hsa-miR-101	5720	5899	1.031
hsa-miR-103	195210	179652	0.920
hsa-miR-103-as	195210	179652	0.920
hsa-miR-106a	1782	2391	1.342
hsa-miR-106b	759	725	0.955
hsa-miR-106b*	214	209	0.974
hsa-miR-107	195084	179541	0.920
hsa-miR-10a	987	1630	1.652
hsa-miR-122	6	34	5.368
hsa-miR-1255a	171	227	1.326
hsa-miR-1255b	171	227	1.326
hsa-miR-1259	35	70	1.981
hsa-miR-1270	71	50	0.708
hsa-miR-1271	23	30	1.319
hsa-miR-1277	16	22	1.327
hsa-miR-1278	44	51	1.150
hsa-miR-128	2056	1720	0.836
hsa-miR-1301	54	55	1.012
hsa-miR-1304	33	23	0.707
hsa-miR-1307	1720	1925	1.119
hsa-miR-130a	107	129	1.199
hsa-miR-130b	1089	932	0.856
hsa-miR-130b*	36	40	1.110

<b>hsa-miR-132</b>	47	34	0.723
<b>hsa-miR-132*</b>	38	29	0.763
<b>hsa-miR-138</b>	309	236	0.765
<b>hsa-miR-140-3p</b>	50679	49313	0.973
<b>hsa-miR-142-3p</b>	1010	1314	1.300
<b>hsa-miR-142-5p</b>	26831	24930	0.929
<b>hsa-miR-146a</b>	28517	21389	0.750
<b>hsa-miR-146b-3p</b>	18	16	0.873
<b>hsa-miR-146b-5p</b>	28223	21324	0.756
<b>hsa-miR-148a</b>	3866	8528	2.206
<b>hsa-miR-148a*</b>	113	219	1.935
<b>hsa-miR-148b</b>	378	469	1.241
<b>hsa-miR-148b*</b>	37	46	1.243
<b>hsa-miR-150</b>	28	18	0.635
<b>hsa-miR-150*</b>	53	36	0.681
<b>hsa-miR-151-3p</b>	1505	451	0.299
<b>hsa-miR-151-5p</b>	86	27	0.311
<b>hsa-miR-152</b>	510	565	1.108
<b>hsa-miR-155</b>	70851	109615	1.547
<b>hsa-miR-155*</b>	687	826	1.203
<b>hsa-miR-15a</b>	241	231	0.956
<b>hsa-miR-15b</b>	814	1017	1.249
<b>hsa-miR-15b*</b>	176	248	1.411
<b>hsa-miR-16</b>	3207	3277	1.022
<b>hsa-miR-16-2*</b>	283	381	1.344
<b>hsa-miR-17</b>	1782	2391	1.342
<b>hsa-miR-17*</b>	1420	1086	0.765
<b>hsa-miR-181a</b>	11197	19438	1.736
<b>hsa-miR-181a*</b>	209	547	2.617
<b>hsa-miR-181a-2*</b>	297	449	1.515
<b>hsa-miR-181b</b>	8194	13044	1.592
<b>hsa-miR-181c</b>	51	103	2.026
<b>hsa-miR-181d</b>	889	1321	1.486
<b>hsa-miR-185</b>	6798	5605	0.825
<b>hsa-miR-185*</b>	25	25	1.027
<b>hsa-miR-186</b>	1178	1447	1.228
<b>hsa-miR-18a</b>	58	70	1.201
<b>hsa-miR-18a*</b>	12	18	1.543
<b>hsa-miR-18b</b>	58	70	1.201
<b>hsa-miR-191</b>	35275	24926	0.707

<b>hsa-miR-192</b>	2375	4585	1.930
<b>hsa-miR-193b</b>	736	1104	1.500
<b>hsa-miR-193b*</b>	2310	2236	0.968
<b>hsa-miR-197</b>	30	36	1.187
<b>hsa-miR-1974</b>	1505	4726	3.140
<b>hsa-miR-1975</b>	551	1176	2.134
<b>hsa-miR-1977</b>	26	42	1.595
<b>hsa-miR-1979</b>	1252	2301	1.837
<b>hsa-miR-199a-3p</b>	69	77	1.115
<b>hsa-miR-199b-3p</b>	69	77	1.115
<b>hsa-miR-19a</b>	10	11	1.138
<b>hsa-miR-19b</b>	288	323	1.122
<b>hsa-miR-200c</b>	89	106	1.195
<b>hsa-miR-20a</b>	645	1028	1.595
<b>hsa-miR-20b</b>	102	369	3.621
<b>hsa-miR-20b*</b>	106	236	2.219
<b>hsa-miR-21</b>	81191	112017	1.380
<b>hsa-miR-21*</b>	843	2104	2.496
<b>hsa-miR-210</b>	3702	3648	0.986
<b>hsa-miR-2110</b>	16	10	0.592
<b>hsa-miR-215</b>	2375	4585	1.930
<b>hsa-miR-219-1-3p</b>	8	8	1.042
<b>hsa-miR-22</b>	538	737	1.371
<b>hsa-miR-22*</b>	55	63	1.159
<b>hsa-miR-221</b>	13870	21440	1.546
<b>hsa-miR-221*</b>	2006	2218	1.106
<b>hsa-miR-222</b>	5227	6609	1.265
<b>hsa-miR-223</b>	90	149	1.658
<b>hsa-miR-223*</b>	193	600	3.103
<b>hsa-miR-23a</b>	4925	4055	0.823
<b>hsa-miR-23a*</b>	38	23	0.600
<b>hsa-miR-23b</b>	4921	4055	0.824
<b>hsa-miR-23b*</b>	59	53	0.888
<b>hsa-miR-24</b>	1090	777	0.712
<b>hsa-miR-25</b>	37897	46760	1.234
<b>hsa-miR-25*</b>	3303	3672	1.112
<b>hsa-miR-26a</b>	3011	2625	0.872
<b>hsa-miR-26b</b>	3220	3310	1.028
<b>hsa-miR-27a</b>	1033	1020	0.987
<b>hsa-miR-27a*</b>	26	36	1.354

<b>hsa-miR-27b</b>	1033	1020	0.987
<b>hsa-miR-27b*</b>	36	57	1.578
<b>hsa-miR-296-3p</b>	111	60	0.539
<b>hsa-miR-29a</b>	25318	25165	0.994
<b>hsa-miR-29a*</b>	12	11	0.892
<b>hsa-miR-29b</b>	2015	2382	1.182
<b>hsa-miR-29b-1*</b>	29	42	1.437
<b>hsa-miR-29c</b>	2015	2382	1.182
<b>hsa-miR-29c*</b>	8	9	1.080
<b>hsa-miR-30a*</b>	4240	5583	1.317
<b>hsa-miR-30b</b>	444	734	1.652
<b>hsa-miR-30b*</b>	99	141	1.432
<b>hsa-miR-30c</b>	444	734	1.652
<b>hsa-miR-30c-1*</b>	67	65	0.980
<b>hsa-miR-30d</b>	4039	5024	1.244
<b>hsa-miR-30e</b>	1873	2150	1.148
<b>hsa-miR-30e*</b>	4262	5621	1.319
<b>hsa-miR-32</b>	11	11	0.970
<b>hsa-miR-32*</b>	11	20	1.875
<b>hsa-miR-320a</b>	66057	60988	0.923
<b>hsa-miR-320b</b>	66033	60962	0.923
<b>hsa-miR-320c</b>	66017	60936	0.923
<b>hsa-miR-324-5p</b>	36	33	0.925
<b>hsa-miR-330-3p</b>	3394	2691	0.793
<b>hsa-miR-331-3p</b>	1130	1289	1.141
<b>hsa-miR-339-3p</b>	406	428	1.054
<b>hsa-miR-339-5p</b>	116	106	0.917
<b>hsa-miR-33a</b>	1524	1262	0.828
<b>hsa-miR-33a*</b>	37	40	1.063
<b>hsa-miR-33b</b>	15	15	1.000
<b>hsa-miR-340</b>	125	114	0.914
<b>hsa-miR-342-3p</b>	1293	1018	0.787
<b>hsa-miR-342-5p</b>	131	199	1.522
<b>hsa-miR-345</b>	20	76	3.847
<b>hsa-miR-34a</b>	85	131	1.545
<b>hsa-miR-34a*</b>	28	24	0.847
<b>hsa-miR-34c-5p</b>	24	21	0.849
<b>hsa-miR-361-3p</b>	96	112	1.167
<b>hsa-miR-361-5p</b>	102	196	1.912
<b>hsa-miR-362-3p</b>	19	13	0.696

<b>hsa-miR-363</b>	1577	3990	2.530
<b>hsa-miR-363*</b>	61	279	4.549
<b>hsa-miR-365</b>	689	1000	1.453
<b>hsa-miR-374a</b>	106	154	1.461
<b>hsa-miR-374a*</b>	511	484	0.947
<b>hsa-miR-374b</b>	598	591	0.989
<b>hsa-miR-374b*</b>	598	591	0.989
<b>hsa-miR-375</b>	18	20	1.113
<b>hsa-miR-378</b>	34251	32777	0.957
<b>hsa-miR-421</b>	91	67	0.743
<b>hsa-miR-423-3p</b>	1848	2354	1.274
<b>hsa-miR-423-5p</b>	22293	21119	0.947
<b>hsa-miR-424</b>	96	52	0.540
<b>hsa-miR-424*</b>	140	90	0.644
<b>hsa-miR-425</b>	795	825	1.038
<b>hsa-miR-425*</b>	103	75	0.727
<b>hsa-miR-454</b>	13	42	3.231
<b>hsa-miR-484</b>	38	44	1.157
<b>hsa-miR-486-3p</b>	241	344	1.425
<b>hsa-miR-486-5p</b>	241	344	1.425
<b>hsa-miR-500*</b>	64	129	2.026
<b>hsa-miR-501-3p</b>	20	25	1.230
<b>hsa-miR-502-3p</b>	64	129	2.026
<b>hsa-miR-503</b>	107	76	0.709
<b>hsa-miR-505*</b>	124	110	0.892
<b>hsa-miR-532-3p</b>	37	36	0.991
<b>hsa-miR-532-5p</b>	461	411	0.892
<b>hsa-miR-542-3p</b>	18	11	0.642
<b>hsa-miR-548a-3p</b>	26	29	1.103
<b>hsa-miR-548b-5p</b>	23	25	1.086
<b>hsa-miR-548d-5p</b>	23	25	1.086
<b>hsa-miR-548e</b>	246	251	1.019
<b>hsa-miR-548j</b>	22	24	1.092
<b>hsa-miR-548k</b>	48	47	0.986
<b>hsa-miR-551b</b>	48	70	1.451
<b>hsa-miR-551b*</b>	20	34	1.729
<b>hsa-miR-574-3p</b>	15	21	1.455
<b>hsa-miR-576-3p</b>	35	37	1.057
<b>hsa-miR-576-5p</b>	73	116	1.596
<b>hsa-miR-589</b>	21	18	0.859

<b>hsa-miR-590-5p</b>	26	21	0.818
<b>hsa-miR-598</b>	163	183	1.123
<b>hsa-miR-625</b>	810	578	0.714
<b>hsa-miR-625*</b>	810	578	0.714
<b>hsa-miR-629</b>	66	105	1.596
<b>hsa-miR-641</b>	63	67	1.064
<b>hsa-miR-642</b>	133	173	1.295
<b>hsa-miR-651</b>	22	30	1.343
<b>hsa-miR-652</b>	67	61	0.901
<b>hsa-miR-660</b>	47	70	1.482
<b>hsa-miR-664</b>	31	41	1.337
<b>hsa-miR-664*</b>	274	272	0.990
<b>hsa-miR-7</b>	490	659	1.345
<b>hsa-miR-7-1*</b>	64	85	1.328
<b>hsa-miR-744</b>	600	533	0.887
<b>hsa-miR-766</b>	163	128	0.787
<b>hsa-miR-769-5p</b>	14	23	1.659
<b>hsa-miR-874</b>	26	29	1.128
<b>hsa-miR-877</b>	67	51	0.760
<b>hsa-miR-886-3p</b>	623	763	1.225
<b>hsa-miR-886-5p</b>	2668	3453	1.294
<b>hsa-miR-9</b>	114	210	1.845
<b>hsa-miR-9*</b>	35	61	1.769
<b>hsa-miR-92a</b>	11999	14291	1.191
<b>hsa-miR-92a-1*</b>	1853	1616	0.872
<b>hsa-miR-92a-2*</b>	37	41	1.099
<b>hsa-miR-92b</b>	145	126	0.869
<b>hsa-miR-92b*</b>	33	82	2.475
<b>hsa-miR-93</b>	2685	3045	1.134
<b>hsa-miR-93*</b>	7	15	2.190
<b>hsa-miR-941</b>	163	238	1.455
<b>hsa-miR-944</b>	77	87	1.125
<b>hsa-miR-98</b>	1092	1229	1.125
<b>hsa-miR-99a</b>	118	59	0.499
<b>hsa-miR-99b</b>	32	92	2.845