

## Article

# A Physically Active Status Affects the Circulating Profile of Cancer-Associated miRNAs

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**Supplementary Table S1.** Fold-Change of the 179 miRNAs analyzed in trained subjects compared with sedentary subjects. In bold are reported miRNAs significantly  $\geq 2$ -fold up- or down-regulated in trained subjects compared with sedentary subject (p-value  $< 0.05$ ).

miRNAs	Fold-Change	p-value
<b>hsa-let-7a-5p</b>	<b>0.147</b>	<b>0.0346</b>
hsa-let-7b-3p	Undetected	
hsa-let-7b-5p	1.508	0.1766
hsa-let-7c-5p	0.626	0.4174
<b>hsa-let-7d-3p</b>	<b>0.327</b>	<b>0.0124</b>
hsa-let-7d-5p	1.663	0.3932
hsa-let-7e-5p	0.530	0.0076
hsa-let-7f-5p	0.348	0.0566
hsa-let-7g-5p	0.571	0.3725
hsa-let-7i-5p	1.363	0.7046
<b>hsa-miR-1</b>	<b>32.146</b>	<b>0.0030</b>
hsa-miR-100-5p	Undetected	
hsa-miR-101-3p	0.197	0.1283
hsa-miR-103a-3p	0.113	0.2749
hsa-miR-106a-5p	0.639	0.4608
hsa-miR-106b-3p	Undetected	
hsa-miR-106b-5p	0.638	0.5860
hsa-miR-107	0.121	0.2193
hsa-miR-10b-5p	Undetected	
hsa-miR-122-5p	0.104	0.1387
hsa-miR-125a-5p	0.508	0.1720
hsa-miR-125b-5p	0.010	0.2153
hsa-miR-1260a	65.646	0.1806
<b>hsa-miR-126-3p</b>	<b>0.494</b>	<b>0.0001</b>
hsa-miR-126-5p	1.287	0.6920
<b>hsa-miR-127-3p</b>	<b>33.726</b>	<b>0.0336</b>
hsa-miR-128-3p	Undetected	
hsa-miR-130a-3p	44.819	0.0542
hsa-miR-130b-3p	46.322	0.0681
hsa-miR-132-3p	83.506	0.1379
hsa-miR-133a-3p	Undetected	
hsa-miR-133b	Undetected	
hsa-miR-136-3p	Undetected	
hsa-miR-136-5p	Undetected	
hsa-miR-139-5p	0.373	0.1388
hsa-miR-140-3p	1.292	0.7052
<b>hsa-miR-140-5p</b>	<b>0.016</b>	<b>0.0021</b>
hsa-miR-141-3p	Undetected	
hsa-miR-142-3p	0.081	0.1333
hsa-miR-142-5p	0.456	0.1198
hsa-miR-143-3p	Undetected	
hsa-miR-144-3p	0.077	0.3523
hsa-miR-144-5p	47.871	0.0885
hsa-miR-145-5p	0.501	0.1040
hsa-miR-146a-5p	0.859	0.7440
hsa-miR-146b-5p	0.821	0.4490
hsa-miR-148a-3p	0.336	0.3043
<b>hsa-miR-148b-3p</b>	<b>32.664</b>	<b>0.0134</b>

hsa-miR-150-5p	0.998	0.9955
hsa-miR-151a-3p	2.649	0.4233
hsa-miR-151a-5p	0.355	0.2331
hsa-miR-152-3p	0.670	0.5150
hsa-miR-154-5p	undetected	
<b>hsa-miR-155-5p</b>	<b>32.980</b>	<b>0.0003</b>
hsa-miR-15a-5p	1.045	0.9654
hsa-miR-15b-3p	0.756	0.3797
hsa-miR-15b-5p	2.689	0.4935
<b>hsa-miR-16-2-3p</b>	<b>34.059</b>	<b>0.028</b>
hsa-miR-16-5p	1.246	0.5375
hsa-miR-17-5p	4.460	0.5445
<b>hsa-miR-181a-5p</b>	0.015	0.0002
hsa-miR-185-5p	0.308	0.1002
<b>hsa-miR-186-5p</b>	<b>33.453</b>	<b>0.0285</b>
hsa-miR-18a-5p	0.813	0.6658
hsa-miR-18b-5p	0.315	0.2836
hsa-miR-191-5p	1.512	0.5773
hsa-miR-192-5p	0.623	0.2625
hsa-miR-193a-5p	Undetected	
hsa-miR-194-5p	0.934	0.7713
hsa-miR-195-5p	Undetected	
hsa-miR-197-3p	1.382	0.3775
hsa-miR-199a-3p	0.831	0.4247
<b>hsa-miR-199a-5p</b>	<b>0.008</b>	<b>0.0216</b>
hsa-miR-19a-3p	0.355	0.2259
hsa-miR-19b-3p	0.287	0.1947
hsa-miR-200a-3p	Undetected	
hsa-miR-200c-3p	53.405	0.2469
hsa-miR-205-5p	Undetected	
hsa-miR-208a-3p	Undetected	
hsa-miR-20a-5p	0.672	0.5256
<b>hsa-miR-20b-5p</b>	<b>33.930</b>	<b>0.0373</b>
hsa-miR-210-3p	Undetected	
hsa-miR-2110	46.391	0.0811
hsa-miR-215-5p	0.371	0.1272
hsa-miR-21-5p	0.969	0.8960
hsa-miR-221-3p	0.220	0.1396
hsa-miR-222-3p	0.699	0.4092
hsa-miR-223-3p	1.005	0.9899
hsa-miR-223-5p	0.567	0.2899
hsa-miR-22-3p	0.383	0.1559
hsa-miR-22-5p	Undetected	
hsa-miR-23a-3p	0.994	0.5644
hsa-miR-23b-3p	1.674	0.4277
hsa-miR-24-3p	1.329	0.4187
hsa-miR-25-3p	1.311	0.4434
hsa-miR-26a-5p	1.436	0.7172
hsa-miR-26b-5p	0.496	0.1636
hsa-miR-27a-3p	3.069	0.2764
<b>hsa-miR-27b-3p</b>	<b>0.409</b>	<b>0.0146</b>
<b>hsa-miR-28-3p</b>	<b>33.374</b>	<b>0.0011</b>
hsa-miR-28-5p	0.542	0.0023
<b>hsa-miR-29a-3p</b>	<b>0.015</b>	<b>0.0006</b>
<b>hsa-miR-29b-3p</b>	<b>34.476</b>	<b>0.0048</b>
hsa-miR-29c-3p	66.131	0.1851

hsa-miR-301a-3p	0.184	0.0905
hsa-miR-30a-5p	undetected	
hsa-miR-30b-5p	0.291	0.1936
hsa-miR-30c-5p	0.188	0.0830
hsa-miR-30d-5p	1.656	0.1800
<b>hsa-miR-30e-3p</b>	<b>32.977</b>	<b>0.0004</b>
hsa-miR-30e-5p	0.377	0.1258
<b>hsa-miR-320a</b>	<b>2.378</b>	<b>0.0183</b>
<b>hsa-miR-320b</b>	<b>3.037</b>	<b>0.0128</b>
hsa-miR-320c	3.268	0.2028
hsa-miR-324-3p	0.561	0.0861
hsa-miR-324-5p	52.154	0.2389
hsa-miR-32-5p	0.875	0.7812
<b>hsa-miR-326</b>	<b>34.710</b>	<b>0.0027</b>
hsa-miR-328-3p	1.154	0.8681
hsa-miR-331-3p	0.010	0.2031
<b>hsa-miR-335-3p</b>	<b>33.395</b>	<b>0.0274</b>
hsa-miR-335-5p	Undetected	
hsa-miR-338-3p	Undetected	
hsa-miR-339-3p	Undetected	
hsa-miR-339-5p	0.534	0.1940
hsa-miR-33a-5p	Undetected	
hsa-miR-342-3p	0.541	0.3048
hsa-miR-34a-5p	Undetected	
hsa-miR-361-5p	79.726	0.1168
hsa-miR-362-3p	Undetected	
hsa-miR-363-3p	0.725	0.3578
hsa-miR-365a-3p	Undetected	
hsa-miR-374a-5p	47.266	0.0692
hsa-miR-374b-5p	0.848	0.4592
hsa-miR-375	0.326	0.2856
<b>hsa-miR-376a-3p</b>	<b>32.728</b>	<b>0.0146</b>
hsa-miR-376c-3p	44.991	0.1828
<b>hsa-miR-378a-3p</b>	<b>0.031</b>	<b>0.0137</b>
<b>hsa-miR-382-5p</b>	<b>33.174</b>	<b>0.0010</b>
<b>hsa-miR-409-3p</b>	<b>35.541</b>	<b>0.0005</b>
<b>hsa-miR-421</b>	<b>32.351</b>	<b>0.0071</b>
<b>hsa-miR-423-3p</b>	<b>33.454</b>	<b>0.0285</b>
hsa-miR-423-5p	1.582	0.2810
<b>hsa-miR-424-5p</b>	<b>0.031</b>	<b>0.0154</b>
hsa-miR-425-3p	45.356	0.0771
hsa-miR-425-5p	1.364	0.5897
hsa-miR-451a	0.213	0.3515
hsa-miR-454-3p	45.439	0.0577
hsa-miR-483-5p	0.678	0.4665
hsa-miR-484	0.491	0.1685
hsa-miR-485-3p	Undetected	
hsa-miR-486-5p	4.640	0.1726
<b>hsa-miR-495-3p</b>	<b>32.963</b>	<b>0.0192</b>
hsa-miR-497-5p	Undetected	
hsa-miR-501-3p	Undetected	
<b>hsa-miR-502-3p</b>	<b>32.979</b>	<b>0.0195</b>
<b>hsa-miR-505-3p</b>	<b>33.851</b>	<b>0.0358</b>
hsa-miR-532-3p	Undetected	
hsa-miR-532-5p	0.552	0.0264
hsa-miR-543	Undetected	

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<b>hsa-miR-574-3p</b>	<b>0.256</b>	<b>0.0016</b>
hsa-miR-584-5p	51.916	0.0511
hsa-miR-590-5p	0.675	0.1974
<b>hsa-miR-629-5p</b>	<b>34.614</b>	<b>0.0011</b>
hsa-miR-652-3p	0.333	0.2859
hsa-miR-660-5p	51.569	0.2351
hsa-miR-7-1-3p	Undetected	
hsa-miR-7-5p	Undetected	
hsa-miR-766-3p	0.405	0.1117
<b>hsa-miR-874-3p</b>	<b>32.953</b>	<b>0.0190</b>
hsa-miR-877-5p	46.335	0.0783
hsa-miR-885-5p	Undetected	
hsa-miR-92a-3p	4.977	0.2210
hsa-miR-92b-3p	Undetected	
<b>hsa-miR-93-3p</b>	<b>32.869</b>	<b>0.0173</b>
hsa-miR-93-5p	0.570	0.3757
hsa-miR-99a-5p	Undetected	
hsa-miR-99b-5p	0.486	0.1793

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