Supplementary material for Tafuri E. et al. MicroRNA profiling in migraine without aura: Pilot study, Annals of Medicine, 2015; 47:468–73.

Supplementary Table 1. microRNAs evaluated in the screening procedure.

microRNA	Target microRNA sequence
<i>hsa-let-7a</i>	UGAGGUAGUAGGUUGUAUAGUU
<i>hsa-let-7b</i>	UGAGGUAGUAGGUUGUGUGGUU
<i>hsa-let-7b*</i>	CUAUACAACCUACUGCCUCCCC
<i>hsa-let-7c</i>	UGAGGUAGUAGGUUGUAUAGUU
<i>hsa-let-7d</i>	AGAGGUAGUAGGUUGCAUAGUU
<i>hsa-let-7d*</i>	CUAUACGACCUGCUGCCUUCU
<i>hsa-let-7e</i>	UGAGGUAGGAGGUUGUAUAGUU
<i>hsa-let-7f</i>	UGAGGUAGUAGAUUGUAUAGUU
<i>hsa-let-7g</i>	UGAGGUAGUAGUUUGUACAGUU
<i>hsa-let-7i</i>	UGAGGUAGUAGUUUGUGCUGUU
<i>hsa-let-7i*</i>	CUGCGCAAGCUACUGCCUUGCU
<i>hsa-miR-1</i>	UGGAAUGUAAAGAAUGUAU
<i>hsa-miR-101</i>	UACAGUACUGUGAAACUGAA
<i>hsa-miR-103</i>	AGCAGCAUUGUACAGGGCUAUGA
<i>hsa-miR-103-2*</i>	AGCUUCUUUACAGUGCUGCCUUG
<i>hsa-miR-106a</i>	AAAAGUGCUUACAGUGCAGGUAG
<i>hsa-miR-106b</i>	UAAAGUGCUGACAGUGCAGAU
<i>hsa-miR-106b*</i>	CCGCACUGUGGGUACUUGCUGC
<i>hsa-miR-107</i>	AGCAGCAUUGUACAGGGCUAUGA
<i>hsa-miR-10a</i>	UACCCUGUAGAUCCGAAUUGUG
<i>hsa-miR-10b</i>	UACCCUGUAGAAACCGAAUUGUG
<i>hsa-miR-122</i>	UGGAGUGUGACAAUGGUGUUUG
<i>hsa-miR-125a-5p</i>	UCCCUAGAGACCCUUAACUGUGA
<i>hsa-miR-125b</i>	UCCCUAGAGACCCUAAUUGUGA
<i>hsa-miR-126</i>	UCGUACCGUGAGUAAUUGCG
<i>hsa-miR-127-3p</i>	UCGGAUCCGUCUGAGCUUGGCU
<i>hsa-miR-128</i>	UCACAGUGAACCGUCUCUUU
<i>hsa-miR-130a</i>	CAGUGCAAUGUAAAAGGGCAU
<i>hsa-miR-132</i>	UAACAGUCUACAGCGUAGGUCG
<i>hsa-miR-133a</i>	UUUGGUCCCCUUAACACAGCUG
<i>hsa-miR-133b</i>	UUUGGUCCCCUUAACACAGCUA
<i>hsa-miR-136</i>	ACUCCAUUUGUUUGAUGAUGGA
<i>hsa-miR-139-5p</i>	UCUACAGUGCACGUGUCCUAG
<i>hsa-miR-140-3p</i>	UACCACAGGGUAGAACCACGG
<i>hsa-miR-140-5p</i>	CAGUGGUUUUACCCUUAUGGAG
<i>hsa-miR-142-3p</i>	UGUAGUGUUUCCUACUUUAUGGA
<i>hsa-miR-142-5p</i>	CAUAAAGUAGAAGACUACUAC
<i>hsa-miR-143</i>	UGAGAUGAAGCACUGUAGCUC
<i>hsa-miR-144</i>	UACAGUAUAGAUGAUGUACU
<i>hsa-miR-144*</i>	GGAUUAUCAUAUACUGUAAAG
<i>hsa-miR-145</i>	GUCCAGUUUUCCCGAUAUCCCU
<i>hsa-miR-146a</i>	UGAGAACUGAAUUCUAGGGUU
<i>hsa-miR-148a</i>	UCAGUGCACUACAGAACUUUGU
<i>hsa-miR-148b</i>	UCAGUGCAUCACAGAACUUUGU
<i>hsa-miR-150</i>	UCUCCCAACCCUUGUACAGUG
<i>hsa-miR-151-3p</i>	CUAGACUGAAGCUCCUUGAGG
<i>hsa-miR-151-5p</i>	UCGAGGAGCUCACAGUCUAGU
<i>hsa-miR-152</i>	UCAGUGCAUGACAGAACUUGG
<i>hsa-miR-154</i>	UAGGUUAUCCGUGUUGCCUUG
<i>hsa-miR-155</i>	UUAAUGCUAAUCGUGAUAGGGGU
<i>hsa-miR-15a</i>	UAGCAGCACAUAAUGGUUUUGU
<i>hsa-miR-15b</i>	UAGCAGCACAUCAUGGUUUUACA
<i>hsa-miR-15b*</i>	CGAAUUAUUAUUUGUCUUCUA
<i>hsa-miR-16</i>	UAGCAGCACGUAAAUAUUGGCG
<i>hsa-miR-16-2*</i>	CCAUAUUAUCUGUGCUGCUUUA
<i>hsa-miR-17</i>	CAAAGUGCUUACAGUGCAGGUAG
<i>hsa-miR-181a</i>	AAUAUUAACGUGUCGGUGAGU
<i>hsa-miR-182</i>	UUUGGCAAUGGUAGAACUACACU
<i>hsa-miR-185</i>	UGGAGAGAAAGGCAGUUCUGA
<i>hsa-miR-186</i>	CAAAGAAUUCUCCUUUUGGGCU
<i>hsa-miR-18a</i>	UAAGGUGCAUCUAGUGCAGAUAG
<i>hsa-miR-18a*</i>	ACUGCCCUAAGUGCUCCUUCUG
<i>hsa-miR-18b</i>	UAAGGUGCAUCUAGUGCAGUUAG
<i>hsa-miR-191</i>	CAACGGAAUCCCAAAAGCAGCUG
<i>hsa-miR-191</i>	CAACGGAAUCCCAAAAGCAGCUG
<i>hsa-miR-192</i>	CUGACCUAUGAAUUGACAGCC
<i>hsa-miR-193b</i>	AACUGGCCUCUAAAGUCCCGCU
<i>hsa-miR-194</i>	UGUAACAGCAACUCCAUGUGGA
<i>hsa-miR-195</i>	UAGCAGCACAGAAAUAUUGGC
<i>hsa-miR-197</i>	UUCACCACCUUCUCCACCCAGC

(Continued)

Supplementary Table 1. Continued.

microRNA	Target microRNA sequence
<i>hsa-miR-1974</i>	UGGUUGUAGUCCGUGCGAGAAUA
<i>hsa-miR-199a-3p</i>	ACAGUAGUCUGCACAUAUGGUUA
<i>hsa-miR-199a-5p</i>	CCCAGUGUUCAGACUACCUGUUC
<i>hsa-miR-19a</i>	UGUGCAAAUUAUGCAAAACUGA
<i>hsa-miR-19b</i>	UGUGCAAAUCCAUGCAAAACUGA
<i>hsa-miR-200c</i>	UAAUACUGCCGGGUAUUGAUGGA
<i>hsa-miR-205</i>	UCCUUAUUAUCCCGGAGUCUG
<i>hsa-miR-20a</i>	UAAAGUCUUAUAGUGCAGGUAG
<i>hsa-miR-20a*</i>	ACUGCAUUAUGAGCACUUAAG
<i>hsa-miR-20b</i>	CAAAGUGCUCUAUGUGCAGGUAG
<i>hsa-miR-21</i>	UAGCUUAUCAGACUGAUGUUGA
<i>hsa-miR-210</i>	CUGUGCUGUGACAGCGGUGA
<i>hsa-miR-2110</i>	UUGGGGAAACGGCCGUGAGUG
<i>hsa-miR-215</i>	AUGACCUAUGAAUUGACAGAC
<i>hsa-miR-22</i>	AAGCUGCCAGUUGAAGAACUGU
<i>hsa-miR-22*</i>	AGUUUUUACAGUGGACGUUUUA
<i>hsa-miR-221</i>	AGCUACAUUGUCUGCUGGGUUUC
<i>hsa-miR-222</i>	AGCUACAUCUGGCUACUGGGU
<i>hsa-miR-223</i>	UGUCAGUUUGUCAAUACCCCA
<i>hsa-miR-223*</i>	CGUGUAUUUGACAAGCUGAGUU
<i>hsa-miR-23a</i>	AUCACAUUGCCAGGGAUUUCC
<i>hsa-miR-23b</i>	AUCACAUUGCCAGGGAUUACC
<i>hsa-miR-24</i>	UGGCUUCAGUUCAGCAGGAACAG
<i>hsa-miR-25</i>	CAUUGCAGUUGUCUGGUCUGA
<i>hsa-miR-26a</i>	UUCAAGUAAUCCAGGAUAGGU
<i>hsa-miR-26b</i>	UUCACAGUGGCUAAGUUCCGC
<i>hsa-miR-27a</i>	UUCACAGUGGCUAAGUUCCGC
<i>hsa-miR-27b</i>	UUCACAGUGGCUAAGUUCCGC
<i>hsa-miR-28-3p</i>	CACUAGAUGUGAGCUCUGGGA
<i>hsa-miR-28-5p</i>	AAGGAGCUCACAGUCUAUUGAG
<i>hsa-miR-297</i>	AUGUAUGUGUGCAUUGGCAUG
<i>hsa-miR-29a</i>	UAGCACCAUUGUAAAUCGGUUA
<i>hsa-miR-29a*</i>	ACUGAUUUUUUUGGUGUUCAG
<i>hsa-miR-29b</i>	UAGCACCAUUGUAAAUCAGUGUU
<i>hsa-miR-29b-2*</i>	CUGGUUUUACAUGGUGGCUUAG
<i>hsa-miR-29c</i>	UAGCACCAUUGUAAAUCGGUUA
<i>hsa-miR-301a</i>	CAGUGCAAUAGUAUUGUCAAAGC
<i>hsa-miR-30a</i>	UGUAAACAUCUCCGACUGGAAG
<i>hsa-miR-30b</i>	UGUAAACAUCUCCACACUCAGCU
<i>hsa-miR-30c</i>	UGUAAACAUCUCCACACUCAGC
<i>hsa-miR-30d</i>	UGUAAACAUCUCCGACUGGAAG
<i>hsa-miR-30e</i>	UGUAAACAUCUCCGACUGGAAG
<i>hsa-miR-30e*</i>	CUUUCAGUCGGAUGUUUACAGC
<i>hsa-miR-32</i>	UAUUGCACAUAUUAAGUUGCA
<i>hsa-miR-320a</i>	AAAAGCUGGGUUGAGAGGGCGA
<i>hsa-miR-320b</i>	AAAAGCUGGGUUGAGAGGGCAA
<i>hsa-miR-324-3p</i>	ACUGCCCCAGGUGCUGCUGG
<i>hsa-miR-324-5p</i>	CGCAUCCCCUAGGGCAUUGGUGU
<i>hsa-miR-326</i>	CCUUCUGGCCCCUCCUCCAG
<i>hsa-miR-328</i>	CUGGCCCCUCUCUGCCCUUCCGU
<i>hsa-miR-331-3p</i>	GCCCCUGGGCCUAUCCUAGAA
<i>hsa-miR-335</i>	UCAAGAGCAAUAACGAAAAAUGU
<i>hsa-miR-338-3p</i>	UCCAGCAUCAGUGAUUUUGUUG
<i>hsa-miR-339-3p</i>	UGAGCGCCUCCAGCAGACAGCCG
<i>hsa-miR-339-5p</i>	UCCCUUGUCCUCCAGGAGCUCACG
<i>hsa-miR-33a</i>	GUGCAUUGUAGUUGCAUUGCA
<i>hsa-miR-342-3p</i>	UCUCACACAGAAUUCGACCCCGU
<i>hsa-miR-346</i>	UGUCUGCCCGCAUUGCCUUCU
<i>hsa-miR-34a</i>	UGGCAGUGUCUUAUCUGGUUGU
<i>hsa-miR-361-3p</i>	UCCCCAGGUGUGAUUCUGAUUU
<i>hsa-miR-363</i>	AAUUGCAGGUAUCCAUCUGUA
<i>hsa-miR-365</i>	UAAUUGCCCCUAAAAUCCUUAU
<i>hsa-miR-374a</i>	UUUAUAUAACAACUGAUUAGUG
<i>hsa-miR-374b</i>	AUAUAUAUAACAACUGAUUAGUG
<i>hsa-miR-375</i>	UUUGUUCGUUCGGCUGCGUGA
<i>hsa-miR-376a</i>	AUCAAGAGGAAUUAUCCACGU
<i>hsa-miR-378</i>	ACUGGACUUGGAGUCAGAAGG
<i>hsa-miR-382</i>	GAAUGUUGUUCGUGGUGGAUUCG
<i>hsa-miR-409-3p</i>	GAAUGUUGCUCGGUGAACCCCU
<i>hsa-miR-421</i>	AUCAACAGACAUAUUAUUGGGCGC

(Continued)

Supplementary Table 1. Continued.

microRNA	Target microRNA sequence
<i>hsa-miR-423-3p</i>	AGCUCGGUCUGAGGCCCUUCAGU
<i>hsa-miR-423-5p</i>	UGAGGGGCGAGAGCGAGACUUU
<i>hsa-miR-424</i>	CAGCAGCAAUUC AUGUUUUGAA
<i>hsa-miR-425</i>	AAUGACACGAUCACUCCCGUUGA
<i>hsa-miR-425*</i>	AUCGGGA AUGUCGUGUCCGCC
<i>hsa-miR-451</i>	AAACCGUUAACAUACUGAGUU
<i>hsa-miR-484</i>	UCAGGCUCAGUCCCUCCCGAU
<i>hsa-miR-485-3p</i>	GUCAUACACGGCUCUCUCUCU
<i>hsa-miR-486-5p</i>	UCCUGUACUGAGCUGCCCGAG
<i>hsa-miR-495</i>	AAACAAACAUGGUGCACUUCUU
<i>hsa-miR-497</i>	CAGCAGCACACUGUGGUUUGU
<i>hsa-miR-500a</i>	UAAUCCUUGCUACCUUGGUGAGA
<i>hsa-miR-501-3p</i>	AAUGCACCCGGGCAAGGAUUCU
<i>hsa-miR-502-3p</i>	AAUGCACCUUGGGCAAGGAUUA
<i>hsa-miR-505</i>	CGUCAACACUUGCUGGUUUCU
<i>hsa-miR-532-3p</i>	CCUCCACACCAAGGCUUGCA
<i>hsa-miR-532-5p</i>	CAUGCCUUGAGUGUAGGACCGU
<i>hsa-miR-543</i>	AAACAUCGCGGUGCACUUCUU
<i>hsa-miR-551b</i>	GCGACCAUACUUGGUUUCAG
<i>hsa-miR-574-3p</i>	CACGCUAUGCACACACCCACA
<i>hsa-miR-584</i>	UUAUGGUUUGCCUGGGACUGAG
<i>hsa-miR-590-5p</i>	GAGCUUAUUCAUAAAGUGCAG
<i>hsa-miR-605</i>	UAAAUCCCAUGGUGCCUUCUCCU
<i>hsa-miR-629</i>	UGGGUUUACGUUGGGAGAACU
<i>hsa-miR-652</i>	AAUGGCGCCACUAGGGUUGUG
<i>hsa-miR-660</i>	UACCAUUGCAUAUCGGAUUG
<i>hsa-miR-720</i>	UCUCGCGUGGGGCCUCCA
<i>hsa-miR-766</i>	ACUCCAGCCCCACAGCCUCAGC
<i>hsa-miR-885-5p</i>	UCCAUAACAUACCCUGCCUCU
<i>hsa-miR-92a</i>	UAUUGACUUGUCCCGGCCUGU
<i>hsa-miR-92b</i>	UAUUGCACUCGUCCCGGCCUCC
<i>hsa-miR-93</i>	CAAAGUGCUGUUCGUGCAGGUAG
<i>hsa-miR-93*</i>	ACUGCUGAGCUAGCACUUCUCCG
<i>hsa-miR-95</i>	UUCAACGGGUUAUUUAUGAGCA
<i>hsa-miR-99a</i>	AACCCGUAGAUCCGAUCUUGUG
<i>hsa-miR-99b</i>	CACCCGUAGAACCGACCUUGCG

Supplementary Table II. Probability values for comparisons of differences in microRNA levels between the two study groups.

microRNA	Crude p-value	q-value (after FDR)	Significant after FDR correction?	Significant after Bonferroni correction?
<i>let-7b</i>	0.000031	0.00016	Yes	Yes
<i>miR-22</i>	0.003716	0.00929	Yes	Yes
<i>miR-26a</i>	0.092610	0.18522	No	No
<i>miR-26b</i>	0.980869	0.98087	No	No
<i>miR-27b</i>	0.001156	0.00385	Yes	Yes
<i>miR-29b</i>	0.322857	0.53810	No	No
<i>miR-30b</i>	0.455864	0.56983	No	No
<i>miR-30e</i>	0.455865	0.56983	No	No
<i>miR-181a</i>	0.000031	0.00016	Yes	Yes
<i>miR-221</i>	0.683263	0.75918	No	No

Supplementary Figure 1. Frequency distribution of circulating microRNA data after logarithmic transformation.