Circulating microRNAs in girls with abdominal obesity: miR-221-3p as a biomarker of response to weight loss interventions.

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Supplementary Figure 1. Flowchart of intervention

Initial screening
N= 126

Not meet inclusion criteria:
N= 5

Participants
N= 121

Boys
N= 46

Girls
N= 75

Completed 8-week program
N= 114

Girls Completed Program (8 weeks)
N= 70

Girls with available sample
N= 51

Low Responders (LR)
N= 26

High Responders (HR)
N= 25
### Supplementary table 1. Sequence of 48 included microRNAs

| MiRCury Assay cat. no. | miRNA ID   | Target sequence                        |
|------------------------|------------|----------------------------------------|
| YP00204144             | hsa-miR-200b-5p | CAUCUUACUGGGCACGAUUGGA               |
| YP00204029             | hsa-miR-519e-5p | UUCUCCAAAGGAGCACCUUC               |
| YP00204353             | hsa-miR-758-3p | UUUGUGACCUGGUCCACAUACC              |
| YP00204032             | hsa-miR-221-5p | ACCUGGCAUAACAUUGAGAUU                |
| YP00205579             | hsa-miR-935 | CCAGUUACCGCUUCCGUACCGC               |
| YP00204107             | hsa-miR-486-3p | CGGGGCAGCUCCAGUACAGGAGA             |
| YP00204333             | hsa-miR-486-5p | UCCUGUACUGACUGCCCGAG                |
| YP00204063             | hsa-miR-103a-3p | AGCAGCAUUGACAGGGCUAUAGA             |
| YP00204532             | hsa-miR-221-3p | AGCUACAUUGUCUGCGGUUUC               |
| YP00204317             | hsa-miR-130b-3p | CAGUGCAUAUGAGAAAGGCAU                |
| YP00204783             | hsa-miR-30c-5p | UGUAACCAUCCUACACUCUAGC              |
| YP00204772             | hsa-miR-23a-3p | AUCACAUUGCCAGGGAUUU                 |
| YP00204658             | hsa-miR-130a-3p | CAGUGCAUUGAAUAAAGGGCAU              |
| YP00204227             | hsa-miR-126-3p | UCCUGUACUGACUGCCCGAG                |
| YP00204339             | hsa-miR-125a-5p | UCCUGAAGCCUUAAACCUGUGA              |
| YP00205664             | hsa-miR-122-5p | UGGAUGUGACAAUGUGUUG                   |
| YP00205713             | hsa-miR-125b-5p | UCCUGAGACCUACUUGUGA                  |
| YP00206038             | hsa-miR-27a-3p | UCCACAGUUGCACACUGCGC                 |
| YP02101898             | hsa-miR-519d-5p | CUUGCAAGAGAAGCGCUUUUGUU             |
| YP00204754             | hsa-miR-144-3p | UACAGUAUAGAUGAUGU                    |
| YP00204679             | hsa-miR-29b-3p | UAGCACCACAUUGAAUACAGUGU             |
| YP00204696             | hsa-miR-572 | GUGCGUCCGCGGUGGCGGCA                 |
| YP00204230             | hsa-miR-21-5p | UAGCUUAACAGACUGUGAUGA               |
| YP00204243             | hsa-miR-15b-5p | UAGCAUGCCACACUGUUUCUUCA             |
| YP00204362             | hsa-miR-375 | UUGUUGCUUUCGGCGCUGCGU               |
| YP00204551             | hsa-miR-222-3p | AGCUACACUGGCAUCAUGGU                 |
| YP00205690             | hsa-miR-33a-5p | GUGCAUUGAGUGUACAGUCA                 |
| YP00204688             | hsa-miR-146a-5p | UGAGAUCACAAUCCAGUGG GU              |
| YP00206030             | hsa-miR-183-5p | UUAUGGCACUGGUAGAAUCAUC              |
| YP00205860             | hsa-miR-33b-5p | GUGCAUUGCGUUGCAUGC                  |
| YP00204358             | hsa-miR-409-3p | GAAGUGUGCCUCGGAGAACCCCU             |
| YP00205915             | hsa-miR-27b-3p | UUCACAGUUGCACAGUGUCAUGC             |
| YP00205986             | hsa-miR-223-3p | UGACAUUGUGCAAAUACCGCA               |
| YP00204529             | hsa-miR-223-5p | CGUACAUUGACACUGUAGU                 |
| YP00205918             | hsa-miR-424-3p | CAAAACUGUGGGCGCUCGCAU               |
| YP00206078             | hsa-miR-138-5p | AGCUUGUGUGUAUCAGGCG                 |
| YP00204468             | hsa-miR-107 | AGCAUGCAUUGAAGCGGGCAUCA              |
| YP00204606             | hsa-miR-22-3p | AAGCUUGCCAGUGAAGAAGCGU               |
| YP00204729             | hsa-miR-29c-3p | UAGCAUACUUGAAUACCGU                 |
| YP02119305             | hsa-miR-451a | AAACGUUACCAUACUGAGU                  |
| YP00203952             | cel-miR-39-3p | UCACGCGUGUAAUAUCAGCUUG               |

UniSp5

UniSp3

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