**Table S1** Primer sequences of RT-qPCR

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| Gene | Sequences (5’-3’) |
| FTO | Forward: 5’-TGGCAGAGTGCTCAACAG-3’ |
|  | Reverse: 5’-TGCAGGCTCAAAGGATTT-3’ |
| β-actin | Forward: 5’-GGCACCCAGCACAATGAA-3’ |
|  | Reverse: 5’-CGGACTCGTCATACTCCTGCT-3’ |

Note: RT-qPCR, reverse transcription quantitative polymerase chain reaction; FTO, fat mass and obesity-associated protein.