

**Inhibiting DNA methylation switches adipogenesis to osteoblastogenesis by activating Wnt10a**

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Supplemental Table 1. Amplification and Sequencing primers for Wnt10a

Primers	Sequences
Amplification primer 1: Forward	5'- GGTGGGGTTGGGTTAGATAGT-3'
Amplification primer 1: Reverse	5'- ACTACCACACACAACCTCCTACTCA-3'
Amplification primer 2: Forward	5'- AGGGGTTTTTGGGAAATTTTTTG-3'
Amplification primer 2: Reverse	5'- ACTACCACACACAACCTCCTACTCA-3'
Amplification primer 3: Forward	5'- TGTTGAGGGAGTTGTGATTTGAGTAG-3'
Amplification primer 3: Reverse	5'- CCTAAAAAATCCTAACTCTCCAAAAAAC-3'
Sequencing primer 1	5'- GGTTGGGTTAGATAGTAT-3'
Sequencing primer 2	5'- GTTGGGGTGGGGGGT-3'
Sequencing primer 3	5'- ATTTTTGTGTTAGGAGG-3'
Sequencing primer 4	5'-ACTCCTACTCAAATCAC-3'
Sequencing primer 5	5'- TGTGATTTGAGTAGGAG-3'
Sequencing primer 6	5'-AGTTTTTTATTTTTGGTTTGT-3'

### **Supplemental Figure Legends**

**Supplemental Figure 1.** Schematic illustration of the Wnt10A promoter and 5'-end region. The transcription start site is indicated as +1, while the translation start site is shown as ATG. TATA box, C/EBP, CAAT box and exon 1 are indicated. The 33 CpG sites measured in this study are indicated as upward vertical lines in exon 1. F1/R1, F2/R2, and F3/R3 represent the forward and reverse primers of amplification RCR for pyrosequencing analysis.

# Supplemental Figure 1

