

**Supplementary Table 1. CPG sites localisation according to the Ensembl release 56 (sept. 2009).**

CpG position according to the amplicon	CpG position according to the Ensembl release 56
1	-10699
2	-10701
3	-10704
4	-10723
5	-10729
6	-10734
7	-10743
8*	-10761
9*	-10775
10*	-10780
11*	-10793
12	-10804
13	-10813
14	-10816
15	-10827
16	-10837
17	-10842
18	-10857
19	-10860
20	-10865
21	-10869
22	-10888
23	-10902
24	-10904
25	-10912
26*	-10925
27*	-10928
28*	-10930
29*	-10942
30*	-10944
31*	-10946

Note: The CpG sites have been numbered relative to the first ATG located in exon 2. \*CpG that were analyzed in Melzner et al. (1).

1. Melzner I, Scott V, Dorsch K, Fischer P, Wabitsch M, Bruderlein S, Hasel C, Moller P: Leptin gene expression in human preadipocytes is switched on by maturation-induced demethylation of distinct CpGs in its proximal promoter. *J Biol Chem* 277:45420-45427, 2002