Table S1. Primer information of Bisulfite -PCR

Gene Loci	Primer Sequences (5′ to 3′)	Product Size (bp)	Annealing temp (℃)	References
IGF2-DMR2	OF: OR: IF: GGTAGTATTTGAAGTTTAAGAG IR: CTATAAAACTTCCAAACAAACC	268	55 55	(Wei *et al.* 2010)
H19-CTCF3	OF: OR: IF: IR:	205	50 55	

OF and OR represent external upstream and downstream primers, while IF and IR represent internal upstream and downstream primers, respectively.

Table S2. Body weight of pig fetuses derive from D40, D65, D95 and term pregnancies.

Group	No. of Pregnant Sows	No. of Collected Fetuses	Average Body Weight of Fetuses (g)#
D40	4	45	12.3 ± 1.7
D65	4	41	212.6 ± 29.5
D95	5	49	686.7 ± 164.2
Term	5	45	1393.5 ± 349.3

#Data are expressed as mean ± SD