

Table S5. Primers utilized in the present study.

	Forward primer	Reverse primer	Sequence primer
<Pyrosequencing>			
<i>PLAGL1</i> :alt-TSS-DMR	GGGGTAGTYGTGTTTATAGTTTAG	biotin-CCCAAACACCTACCCTAC	GGGTAGTYGTGTTTATAGTTTAGT
<i>MEST</i> :alt-TSS-DMR	GTGTGGTTGGYGGTTTTGGGATTA	biotin-ACACCCCTCCTCAAATA	TGTTTTTGGGYGAAAAATTTAT
<i>PEG10</i> :TSS-DMR	AGAAATTTGATTGYGTTTTGAGGAGAATA	biotin-ACAAAAAATAAAAAATCCCACACCTTAA	AGTTTGGAGAAAGGTT
<i>H19/IGF2</i> :IG-DMR-1	TTTGGGAGAGTTTGTGAGG	biotin-CCCCAAACCRATTCCCATCCAATTA	GRTAATATGYGGTTTTTAGATAGG
<i>H19/IGF2</i> :IG-DMR-2	GGGTTTTYGGAGGTTTTTGGGAATA	biotin-ACTTAAATCCCAAACCATAACAC	GGAATAGGAYGTTTATGGGAG
<i>KCNQ1OT1</i> :TSS-DMR	GGATTTAGAATTAYGATGYGGATTTTA	biotin-TCCCATCTACACCTATAAACA	TTTTGAATTATTATGAGAATTATAG
<i>MEG3/DLK1</i> :IG-DMR	ATTTGGTATTTGTAGTTTTATGTTAAGATG	biotin-AATCAAACAACCTCAAATCCTTTATAAC	AATTGGGTTTGTAGTAG
<i>MEG3</i> :TSS-DMR	TTGTGTTTGAATTTATTTTGTTF	biotin-CCCCAAATTCTATAACAAATTACTCT	GTGTTTGAATTTATTTTGTTF
<i>SNURF</i> :TSS-DMR	GTTATGGTAGTGGATTAGGGGGATGA	biotin-CCTCCCCCTACCTCCCA	ATAGTGGTGGGGTT
<i>GNAS A/B</i> :TSS-DMR	GGGATATTTGAGATTTTGAAAGAA	biotin-AATACAAAACCTCCCCTACT	GTTATTTTTTTTATTGGGAGGA
<Sanger sequencing >			
<i>ZNF445</i> variant	TGTCAGTGGTGTGGGAAAGA	GAGGGGCATCTCTTCACTTG	
<Quantitative real-time PCR>			
q-PCR-1	AAGAGTGGGCTTCTCACTGG	GCTGCACTATCCCATTAGGC	
q-PCR-2	CTACCGTCTGCACCGAGAA	GCTTCTCCTGGGTGTGAATC	
q-PCR-3	TGGGAGACATACCTTTCCA	CTCTGGCTGCAAGCTTCTTT	
<Mutagenesis>			
<i>ZNF445</i> - c.2803C>T	TTCCTCTTAGGACACAAAGTTGAGA	GTGTCCTAAGAGGAAGACCGTGCAG	
<Bisulfite sequencing>			
<i>MEG3-DLK1</i> :IG-DMR	GTTTATTGGGTTGGGTTTTGTTAG	ACCAATTACAATACCACAAAATTAC	