

SUPPLEMENTARY TABLE S2. PRIMERS USED FOR BISULFATE SEQUENCING

MeOCT4									
Outside forward									
Inside forward									
Reverse									
MeIGF2R DMR2									
forward									
Outside reverse									
Inside reverse									
Line1									
Outside forward									
Outside reverse									
Inside forward									
Inside reverse									
H19									
Outside forward									
Outside reverse									
Inside forward									
Inside reverse									
Peg3									
Outside forward									
Outside reverse									
Inside forward									
Inside reverse									
Peg10									
Forward									
Outside reverse									
Inside reverse									
Meg3									
Outside forward									
Inside forward									
Reverse									
MeXist Region 1									
Outside forward									
Inside forward									
Reverse									
MeXist Region 2									
forward									
Outside reverse									
Inside reverse									

	<i>First round</i>				<i>Second round</i>				
MeOCT4	94°C 30 s	56°C (–1°C per cycle) 1 min cycles	72°C 1 min	94°C 30 s	51°C 45 s 30 cycles	72°C 1.3 min	94°C 30 s	53.5°C 60 s 30 cycles	72°C 1.3 min
MeIGF2R DMR2	94°C 1 min	50°C 2 min 5 cycles	72°C 3 min	94°C 30 s	50°C 2 min 30 cycles	72°C 1.5 min	94°C 30 s	54°C 2 min 1.5 min	72°C 1.5 min
Line1	94°C 30 s	50°C 30 s 30 cycles	72°C 1 min				94°C 30 s	56°C 30 s 30 cycles	72°C 1 min
H19	94°C 30 s	50°C 30 s 30 cycles	72°C 1 min				94°C 30 s	50°C 30 s 30 cycles	72°C 1 min
Peg3	94°C 30 s	50°C 30 s 30 cycles	72°C 1 min				94°C 30 s	50°C 30 s 30 cycles	72°C 1 min
Peg10	94°C 30 s	50°C 30 s 30 cycles	72°C 1 min				94°C 30 s	50°C 30 s 30 cycles	72°C 1 min
Meg3	94°C 30 s	50°C 30 s 30 cycles	72°C 1 min				94°C 30 s	50°C 30 s 30 cycles	72°C 1 min
MeXistRegion 1	94°C 30 s	60°C (–1°C per cycle) 1 min cycles	72°C 1 min	94°C 30 s	51°C 1 min 30 cycles	72°C 1 min	94°C 30 s	51°C 1 min 30 cycles	72°C 1 min
MeXist Region 2	94°C 30 s	60°C (–1°C per cycle) 1 min cycles	72°C 1 min	94°C 30 s	51°C 1 min 30 cycles	72°C 1 min	94°C 30 s	51°C 1 min 30 cycles	72°C 1 min