

Supplementary Table S1: primer sequences used in this study

bisulfite primer		Annealing	Product	Pyrosequencing/SIRPH	
Name	Sequence 5' to 3'			Name	Sequence
Bisulfite					
<i>L1 repeats, Genome wide, X58075 (Suppl Fig S1)</i>					
Bi-L1-F1	att tta tta ggg agt gtt aga tag tg	59°C	410 bp	SN-L1-8 (Pyro)	ttt ggg ttt ttt tta tt
Bi-L1-R2	tta aac tat aat aaa ctc cac cca at			SN-L1-9	ggg agt gtt aga tag tgg g
<i>Alu repeats, Genome wide, Consensus (Suppl Fig S1)</i>					
Bi-Alu-All-F3	ttg taa ttt tag tat ttt ggg	49°C	237 bp	SN-Alu-1	(ttt t)ag gtt gag gta gga gaa t
Bi-Alu-All-R2	cca aac taa aat aca ata a			SN-Alu-4	(ttt ttt) ttt tta tta aaa ata taa aaa tta gt
<i>F8-ex14, Xq28, M88640</i>					
Bi-F8Ex14-F5	tag taa tgg gtt ttt tgg tta ttt gga t	50°C	617 bp	SN-F8-1	gat gaa aat tag agt ttt
Bi-F8Ex14-R6	taa aaa act act cat ccc ata atc cca a				
Bi-F8Ex14-F6	agg gag ttt ttt tta ggg aat aga ggg a	55°C	561 bp		
Bi-F8Ex14-R5	taa tcc caa aac ctc tcc act aca aca a				
RT-PCRs					
<i>Androgen receptor, Xq11.2-q12, NM_000044.2</i>					
R-AR-F1	atg tcc tgg aag cca ttg ag	61°C	323 bp		
R-AR-R1	gct gta cat ccg gga ctt gt				
<i>Estrogen receptor 1, 6q25.1, NM_000125.3</i>					
R-ERalpha-F1	aca agc gcc aga gag atg at	61°C	361 bp		
R-ERalpha-R1	agg atc tct agc cag gca ca				
<i>Estrogen receptor 2, 14q23.2, NM_001040275.1</i>					
R-ERbeta-F	caa tcc atc tta ccc ctg ga	59°C	379 bp		
R-ERbeta-R	cat ccc tct ttg aac ctg ga				
<i>Progesteron receptor, 11q22-23, NM_000926.4</i>					
R-PR-F1	tgg aag aaa tga ctg cat cg	59°C	363 bp		
R-PR-R1	tgc ctc tgc cct agt tga tt				
<i>GAPDH control</i>					
RT-GAPDH-F	tca cca ggg ctg ctt tta ac	59°C	508 bp		
RT-GAPDH-R	gtc ttc tgg gtg gca gtg at				