Organism (cell type)	**Locus**	**Accession Number**	**R.E.**	**Genomic Overhang**	**Forward Primer (5' to 3')**	**Reverse Primer (5' to 3')**	**PCR Annealing Temp (°C)**
Human (cultured fibroblasts)	*FMR1*	181338201 (4820-4900)	TspRI	5'....TTCAGTGTT|3' 3'...|--------- 5'	F1: CRCTCCCAAACCACTTAAA	R1: TTGAAGAGAGAGGGYGGG	50 (F1-R1)
	LINE1	M80343.1 (180-323)	BsmAI	5'...|---- 3' 3'....TGGT|5'	F1: CAAAACRAAACATTACCTCACCT	R1: TTGGGAAGYGTAAGGGGTTAG R2: GGYGAGGTATTGTTTTATTTG	49 (F1-R1) 49 (F1-R2)

Table S2: Hairpin-linkage and PCR conditions for collection of double-stranded DNA methylation patterns. Entries shown are for patterns published here for the first time. R.E. refers to the restriction enzyme used to create the genomic overhang prior to ligation with a hairpin linker.