

Table S7 Comparison of position frequency matrices of nucleotides associated with hyper- and hypomethylated CpGs in rat and mouse

Query Matrix	Target Matrix	Query Consensus	Target Consensus	P-value
Rat Hypomethylated	Mouse Hypomethylated	ATACACGTGTAT	AAACACGTGTAT	2.76E-10
Rat Hypermethylated	Mouse Hypermethylated	GCGTGCGCACGC	GCGTGCGCACGC	1.06E-10
Rat Hypomethylated	Mouse Hypermethylated	ATACACGTGTAT	GCGTGCGCACGC	7.65E-01
Rat Hypermethylated	Mouse Hypomethylated	GCGTGCGCACGC	AAACACGTGTAT	9.48E-01