

**Table S5.** *P* values of peak size distributions from comparisons of population A with B and A' with B'

test method	TSS peaks		marked CpG islands	
	A - B	A' - B'	A - B	A' - B'
wilcox.test (median)	0.0140	0.3311	0.4359	0.6656
Monte Carlo (median)	0.0047	0.7725	0.5829	0.7962
Monte Carlo (variance)	0.9235	0.8741	0.6933	0.7218

wilcox.test was performed in R; Monte Carlo simulations were performed with 100,000 iterations.