

Table S4 Occurrence of unmethylated versions of the ETS↔CRE motifs in the mouse genome with 24,273 promoters and proximal promoters and 16,026 CpG Islands. Unmethylated occurrences are presented in parenthesis.

Motifs	N-mers	DNA sequence	Whole Genome (# Unmethylated)	Promoter (#Unmethylated)	Proximal Promoter (#Unmethylated)	CpG Islands (#Unmethylated) (0.34%)
			(100%)	(-1000...500) (1.18%)	(-200...60) (0.19%)	
ETS	8-mer	CCGGAAGT	16346 (2350)	1261 (990)	704 (643)	1362 (1286)
CRE	8-mer	TGACGTCA	14297 (1561)	578 (432)	315 (268)	599 (569)
ETS↔CRE	12-mer	CGGAAGTGACGT	89 (67)	37 (36)	31 (31)	60 (60)
ETS↔CRE	12-mer	CGGAAGTGACGC	82 (68)	35 (35)	33 (33)	68 (67)
ETS↔CRE	13-mer	GCGGAAGTGACGT	21 (21)	10 (10)	7 (7)	19 (19)
ETS↔CRE	13-mer	GCGGAAGTGACGC	28 (25)	15 (15)	13 (13)	26 (25)
ETS↔CRE	13-mer	CCGGAAGTGACGT	45 (34)	21 (20)	18 (18)	29 (29)
ETS↔CRE	13-mer	CCGGAAGTGACGC	42 (36)	22 (22)	17 (17)	35 (35)
ETS↔CRE	15-mer	CCGGAAGTGACGTCA	12 (8)	8 (7)	7 (7)	7 (7)
N-CG-N ₇ -CG	12-mer	ACGCACACACCG	42 (8)	3 (3)	5 (4)	0 (0)
N ₂ -CG-N ₇ -CG	13-mer	CACGCACACACCG	32 (4)	2 (2)	3 (2)	0 (0)