

Table 1: Number (percentage) of strongest negatively *COMT* – correlated genes in each brain area having the dinucleotide sequence shown as the column header in negitions [-1, +1] relative to the transcription start site TSS. These dinucleotides represent one of the consensus sequences (Y-R) for the Initiator element in the promoter region.

	CA	CG	TA	TG	Number of Genes
Prefrontal Cortex	45 (26.8)	29 (17.3)	8 (4.8)	22 (13.1)	168
Cerebellum	19 (16.4)	17 (14.7)	4 (3.4)	11 (9.5)	116
Temporal Cortex	19 (20.2)	12 (12.8)	3 (3.2)	7 (7.4)	94
Pons	16 (23.5)	11 (16.2)	2 (2.9)	6 (8.8)	68