

Table 1: Number (percentage) of strongest positively *COMT* – correlated genes in each brain area having the dinucleotide sequence shown as the column header in positions [-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	54 (16.9)	45 (14.1)	21 (6.6)	27 (8.5)	319
Cerebellum	67 (17.9)	42 (11.2)	23 (6.1)	35 (9.3)	375
Temporal Cortex	71 (17.7)	44 (11.0)	25 (6.2)	31 (7.7)	401
Pons	76 (18.0)	59 (13.9)	19 (4.5)	34 (8.0)	423