

Table 1: Number (percentage) of the negative subset, positive subset, and all of the *COMT* – correlated genes in each brain area having at least one instance of the TATA8 motif<sup>a</sup> in the region from -250 to +150 nucleotides relative to the transcription start site TSS (adjacent to +1)

	Negative	Number of Genes	Positive	Number of Genes	All <i>COMT</i> Genes	Number of Genes
Prefrontal Cortex	10 (6.0)	168	21 (6.6)	319	1192 (7.5)	15998
Cerebellum	8 (6.9)	116	20 (5.3)	375	1176 (7.3)	16008
Temporal Cortex	4 (4.3)	94	27 (6.7)	401	1176 (7.4)	15967
Pons	1 (1.5)	68	25 (5.9)	423	1179 (7.4)	15950

-30 TSS locus underlined

**a.** TATA8 consensus motif TATAWAWN: e.g., TATAAATC