

Genetic polymorphisms regulating dopamine signaling in the frontal cortex interact to affect target detection under high working memory load

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**SUPPLEMENTARY Material**

**Table S1.** *n*-back task performance for lure stimuli by genotype group

	COMT Val/Val D-32 C ( <i>n</i> = 15)	COMT Val/Met D-32 C ( <i>n</i> = 20)	COMT Met/Met D-32 C ( <i>n</i> = 9)	COMT Val/Val D-32 T/T ( <i>n</i> =14)	COMT Val/Met D-32 T/T ( <i>n</i> =23)	COMT Met/Met D-32 T/T ( <i>n</i> =16)
Lure Accuracy (%)						
2-back	70.3 ± 4.8	79.8 ± 4.0	64.8 ± 5.9	73.1 ± 4.9	80.8 ± 3.8	74.5 ± 4.5
3-back	60.1 ± 4.5	62.0 ± 3.8	69.4 ± 5.6	66.2 ± 4.6	62.8 ± 3.5	63.4 ± 4.2
Lure Correct RT (ms)						
2-back	788.8 ± 39.2	795.5 ± 33.0	821.6 ± 48.4	809.0 ± 39.5	839.2 ± 30.8	898.7 ± 36.6
3-back	740.7 ± 48.7	807.6 ± 40.9	758.3 ± 60.1	762.4 ± 49.1	766.7 ± 38.2	799.7 ± 45.4

**Table S1:** Values are reported as mean ± SEM. Reported *p*-values reflect interaction effects from 3×2 ANOVA with sex and white ethnicity included as covariates. Exact *p*-values reported unless *p* < 0.001.