

**Supplemental Table 1. Regions of Significant Activation During Response Preparation**

Contrast	Region	BA	Cluster Size	MNI Coordinates			t
				X	Y	Z	
<b>Controls: Cue – NonCue</b>							
	Anterior Cingulate Cortex	24		-4	2	48	14.57
	Supplementary Motor Area	6	29859	-2	-2	60	12.56
	Dorsolateral Prefrontal Cortex	9	1323	-36	32	30	8.13
	Superior Temporal Gyrus	22	1113	52	-26	-10	4.84
	Inferior Temporal Gyrus	20	107	-54	-32	-12	4.43
	Lingual Gyrus	18	542	-8	-76	4	3.84
	Cuneus	17	160	-22	-90	14	3.29
	Cerebellum	--	1637	34	-42	-34	6.66
<b>Probands: Cue- Noncue</b>							
	Anterior Cingulate Cortex/ Supplementary Motor Area	32/6		-4	6	52	10.32
	Putamen	--	16704	-22	-2	4	8.89
	Inferior Parietal Lobule	40	1680	36	-48	44	5.58
	Superior Temporal Gyrus	21	355	52	-26	-6	5.89
	Middle Temporal Gyrus	21	161	-48	-34	-4	3.24
	Cerebellum	--	681	14	-46	-20	4.99

Note.  $p < .01$ , with the extent threshold fixed at  $k = 100$  voxels.

**Supplemental Table 2. Regions of significantly greater functional connectivity with right thalamus during cues relative to non-cues.**

Region	BA	Cluster Size	MNI Coordinates			t
			X	Y	Z	
<b>Controls:</b>						
Inferior Frontal Gyrus	45	699	-52	26	12	3.73
Dorsolateral Prefrontal Cortex	46		-40	50	10	3.46
Inferior Frontal Gyrus	10	147	50	46	-2	3.46
Postcentral Gyrus	43	1322	66	-18	18	4.41
Superior Temporal Gyrus	22	260	60	-52	16	3.91
Middle Temporal Gyrus	39	3995	-48	-62	24	5.09
Paracentral Lobule	6	116	4	-36	74	3.53
<b>Probands:</b>						
Superior Temporal Gyrus	22	829	-60	-8	8	4.68
Inferior Frontal Gyrus	47		-48	22	-6	3.12
Medial Frontal Gyrus	6	793	-2	-20	76	4.62
Medial Frontal Gyrus	10	389	0	52	-12	4.21
Anterior Cingulate Cortex	32		4	36	-6	2.75
Precentral Gyrus	6	152	62	2	8	3.23
Middle Temporal Gyrus	21	191	-58	-36	-6	3.76

Note.  $p < .01$ , with the extent threshold fixed at  $k = 100$  voxels.