

**Table 5**

**Association between Brain Perfusion and FTND scores during exposure to smoking cues**

<u>Increases</u>	<u>X</u>	<u>All</u>				<u>10-repeats</u>					<u>9-repeat carriers</u>
		<u>Y</u>	<u>Z</u>	<u>T Val</u>	<u>r<sup>2</sup></u>	<u>X</u>	<u>Y</u>	<u>Z</u>	<u>T Val</u>	<u>r<sup>2</sup></u>	
M D Insula	-42	0	10	3.71	0.25	-40	-2	12	3.89	0.62	None observed
M OFC						6	56	-16	4.82	0.59	
M Temporal G	64	-48	10	3.62	0.37	60	-48	10	5.11	0.62	
						54	-72	-14	4.93	0.60	
S Frontal G	4	38	50	3.67	0.33	-4	52	44	5.88	0.68	
Precuneus (S Parietal G)	-4	-56	64	3.56	0.37						
S Temporal G	-56	-24	-6	3.47	0.25						
<u>Decreases</u>		None observed				None observed					None Observed

Abbrev: D, dorsal; G, gyrus; M, medial; OFC, orbitofrontal cortex; S, superior. Coordinates are in MNI. T values are from the suprathreshold voxel in the cluster.