

Table S1: Clusters demonstrating a significant (i.e. $p_{\text{corrected(FWE)}} < 0.05$, minimum cluster extent (K_E) = 500 voxels) main effect of group (schizophrenic patient vs. healthy participants) on gray matter volume. Note: L = left hemisphere; R = right hemisphere; voxel size = 1 mm³.

MNI Co-ordinates			$K_{(E)}$	Z	Region /BA
x	y	z			
1	-14	34	210276	6.90	Right cingulate gyrus (BA23)
-47	-32	1	1896	6.27	Left superior temporal gyrus (BA41)
22	20	36	7001	6.08	Right superior frontal gyrus (BA8)
13	-26	4	1095	5.79	Right thalamus
-59	-29	28	669	5.62	Left inferior parietal lobe (BA40)
32	7	27	580	5.59	Right precentral gyrus (BA6)
-13	-30	3	513	5.58	Left thalamus
25	-9	42	833	5.57	Right middle frontal gyrus (BA6)
9	58	-6	672	5.38	Right medial frontal gyrus (BA10)
-22	-3	43	1007	5.33	Left middle frontal gyrus (BA6)

Table S2: Clusters demonstrating a significant (i.e. $p_{\text{uncorrected}} < 0.001$, minimum cluster extent (K_E) = 100 voxels) interaction between group (schizophrenic patient vs. healthy participants) and genotype (AA vs. AC/CC) on GM. Note: L = left hemisphere; R = right hemisphere; voxel size = 1 mm³.

MNI Co-ordinates			$K_{(E)}$	Z	Region/BA
x	y	z			
-47	-22	-12	413	4.38	Left superior temporal gyrus (BA22)
34	13	-21	645	4.08	Right inferior frontal gyrus (BA13)
-10	-78	15	710	4.06	Left occipital lobe/cuneus
37	-52	19	922	4.03	Right superior temporal gyrus (BA22)
-28	-72	13	221	3.68	Left posterior cingulate gyrus (BA30)
32	-9	-11	185	3.59	Right lentiform nucleus (putamen)
29	12	-19	137	3.53	Right inferior frontal gyrus (BA47)
36	-65	17	111	3.42	Right middle temporal gyrus (BA19)
-39	21	26	101	3.39	Left middle frontal gyrus (BA9)

Table S3: Post hoc comparison (whole brain) of regions of significantly greater i.e. $p_{\text{uncorrected}} < 0.001$, minimum cluster extent (K_E) = 100 voxels) volume in individuals who are homozygous for the ZNF804A risk allele vs. non-risk carriers in schizophrenic patients only. Note: L = left hemisphere; R = right hemisphere; voxel size = 1 mm³.

MNI Co-ordinates			$K_{(E)}$	Z	Region/BA
x	y	z			
-47	-22	-12	710	4.61	Left superior temporal gyrus (BA22)
-12	-78	13	1242	4.36	Left occipital lobe/cuneus (BA18)
39	11	-16	1082	4.10	Right BA13
-30	-72	11	252	3.98	Left posterior cingulate gyrus (BA30)
32	-10	-11	192	3.81	Right lentiform nucleus (putamen)
-35	-57	7	267	3.79	Left middle temporal gyrus (BA19)
39	-45	21	196	3.77	Right insula (BA13)
-33	-7	-15	262	3.77	Left insula (BA13)
-53	-19	4	138	3.46	Left superior temporal gyrus (BA41)
20	10	-23	109	3.42	Right parahippocampal gyrus (BA34)

Figure S1: Regions demonstrating a significant main effect of group (patients vs. controls) on GM volume (corrected for multiple comparisons ($p_{FWE} < 0.001$; min. cluster extent = 500 voxels). Note: intensity bar represents voxel-wise F statistic.

