

**Supplemental Table 5. Haplotype analysis of rs9275224, rs2856717, rs9275424, and rs9275596 at the *HLA-DQB1/DRB1* locus.** The most common haplotype of 4 major alleles (GCAT) is used as a reference to derive odds ratios for all other haplotypes. Only common haplotypes (frequency >1%) are tested for association.

**All Cohorts: N = 10,755**

	<b>Freq. Overall</b>	<b>Freq. Cases</b>	<b>Freq. Controls</b>	<b>OR</b>	<b>95%CI</b>	<b>P-global</b>
<b>GCAT</b>	0.352	0.365	0.338	-reference-	-reference-	
<b>ATAC</b>	0.213	0.180	0.245	0.69	0.64 - 0.74	
<b>ACAT</b>	0.130	0.119	0.141	0.78	0.71 - 0.85	3 x 10 <sup>-43</sup>
<b>ATAT</b>	0.050	0.058	0.043	1.25	1.10 - 1.42	
<b>GCGT</b>	0.246	0.270	0.222	1.12	1.04 - 1.20	

**European Cohorts: N = 5,938**

	<b>Freq. Overall</b>	<b>Freq. Cases</b>	<b>Freq. Controls</b>	<b>OR</b>	<b>95%CI</b>	<b>P-global</b>
<b>GCAT</b>	0.350	0.365	0.336	-reference-	-reference-	
<b>ATAC</b>	0.256	0.228	0.282	0.75	0.68 - 0.82	
<b>ACAT</b>	0.104	0.090	0.117	0.71	0.62 - 0.81	3 x 10 <sup>-18</sup>
<b>ATAT</b>	0.054	0.062	0.047	1.21	1.02 - 1.43	
<b>GCGT</b>	0.224	0.244	0.205	1.09	0.99 - 1.20	

**Asian Cohorts: N = 4,723**

	<b>Freq. Overall</b>	<b>Freq. Cases</b>	<b>Freq. Controls</b>	<b>OR</b>	<b>95%CI</b>	<b>P-global</b>
<b>GCAT</b>	0.356	0.366	0.345	-reference-	-reference-	
<b>ATAC</b>	0.156	0.124	0.191	0.61	0.54 - 0.69	
<b>ACAT</b>	0.163	0.152	0.175	0.81	0.72 - 0.92	4 x 10 <sup>-24</sup>
<b>ATAT</b>	0.046	0.053	0.038	1.34	1.09 - 1.65	
<b>GCGT</b>	0.274	0.299	0.245	1.15	1.04 - 1.27	