

Supplementary Table 2. Association between rs6906846 and HLA-C type

HLA-C type	US multi-ethnicity (Cohort 1)			Japanese (Cohort 2)			Combined $P_{combined}$
	rs6906846 <sup>a</sup>		p	rs6906846 <sup>a</sup>		p	
	A allele	G allele		A allele	G allele		
	n=48	n=58		n=46	n=250		
*07:02	23	0	2.8E-10	20	1	1.9E-17	2.8E-30
*04:01	20	0	8.6E-09	5	0	7.5E-05	1.1E-17
*12:02	0	0	NA	21	1	1.9E-18	1.5E-13
*04:03	2	0	NS	0	0	NA	NS
*02:02	1	0	NS	0	0	NA	NS
*04:17	1	0	NS	0	0	NA	NS
*07:01	1	5	NS	0	0	NA	NS
*01:02	0	13	2.1E-04	0	78	2.5E-07	8.7E-13
*06:02	0	8	NS	0	2	NS	NS
*03:04	0	7	NS	0	33	NS	1.7E-05
*03:03	0	6	NS	0	46	2.8E-04	5.8E-07
*08:01	0	4	NS	0	28	NS	2.7E-04
*05:01	0	3	NS	0	1	NS	NS
*12:03	0	2	NS	0	0	NA	NS
*15:02	0	2	NS	0	12	NS	NS
*03:02	0	1	NS	0	2	NS	NS
*03:05	0	1	NS	0	0	NA	NS
*07:04	0	1	NS	0	2	NS	NS
*14:02	0	1	NS	0	21	NS	NS
*15:09	0	1	NS	0	0	NA	NS
*16:01	0	1	NS	0	0	NA	NS
*16:02	0	1	NS	0	0	NA	NS
*17:01	0	1	NS	0	0	NA	NS
*14:03	0	0	NA	0	16	NS	NS
*08:03	0	0	NA	0	6	NS	NS
*01:03	0	0	NA	0	1	NS	NS

p: nominal p-value, Bonferroni corrected p value threshold: 0.05/(50 HLA-B types + 26 HLA-C types)=6.6E-04, NS: not significant, NA: not applicable, <sup>a</sup>: Only homozygous subjects were included in the analysis.