

Table 4

HLA-C gene frequencies in five U.S. populations

Table 3 a. Gene Frequency of HLA-C alleles in five major ethnic groups from the U.S.

HLA-C	African Americans (n=252)	Caucasians (n=265)	Hispanics (n=234)	North American Natives (n=187)	Asians (n=358)
0102		0.0283	0.0513	0.0882	0.1379
0202	0.0972	0.0321	0.0342	0.0775	0.0028
0302	0.0278	0.0038	0.0107	0.0027	0.0766
0303	0.0179	0.0717	0.0256	0.0348	0.0404
0304	0.0437	0.0811	0.0727	0.1123	0.1003
0305			0.0021		
0401G	0.1567	0.1113	0.1496	0.1417	0.0557
0403					0.0195
0404				0.0187	0.0028
0501G	0.0198	0.0962	0.0620	0.0374	0.0084
0602	0.1131	0.0868	0.0684	0.0562	0.0362
0701G	0.1349	0.1547	0.1090	0.0856	0.0181
0702	0.0893	0.1245	0.1239	0.1283	0.1950
0704G	0.0099	0.0208	0.0107	0.0080	0.0223
0705	0.0020				
0801	0.0020		0.0171	0.0241	0.1128
0802	0.0317	0.0377	0.0513	0.0187	0.0014
0803				0.0053	
0804	0.0079		0.0021		
1202	0.0020	0.0094	0.0235	0.0053	0.0279
1203	0.0238	0.0509	0.0470	0.0321	0.0181
1402	0.0198	0.0208	0.0171	0.0134	0.0501
1403	0.0020		0.0021		0.0306
1502	0.0020	0.0189	0.0363		0.0265
1504		0.0038		0.0749	
1505	0.0139	0.0038	0.0064	0.0027	0.0097
1509			0.0021		
1601	0.0833	0.0245	0.0620	0.0214	
1602		0.0038	0.0043		0.0028
1701G	0.0595	0.0151	0.0085	0.0107	0.0028
1801G	0.0377				0.0014
0602V**	0.0020				

G denotes a representative allele of a group that are not distinguished in this study because the sequences are identical across exons 2 and 3

Cw*0401G (Cw*0401101, Cw*0401102, Cw*0409N)

Cw*0501G (Cw*0501, Cw*0503)

Cw*0701G (Cw*07011, Cw*0706)

Cw*0704G (Cw*0704, Cw*0711)

Cw*1701G (Cw*1701, Cw*1702, Cw*1703)

Cw*1801G (Cw*1801, Cw*1802)

** Denotes new variant of the allele that has not receive an official name yet.

Source:

Cao K, Hollenbach J, Shi X, Shi W, Chopek M, Fernandez-Vina MA.

Analysis of the frequencies of HLA-A, B, and C alleles and haplotypes in the five major ethnic groups. Hum Immunol 2001; 62(9): 1009-30.