

Table 3.

Total number of distinct HLA antigen presenting alleles (domains) according to three frequency categories in available samples of the four major US racial/ethnic groups.

Allele Classification	<u>African American</u>			<u>Asian</u>			<u>European American</u>			<u>Hispanic</u>		
	Allele count	% alleles	% sample	Allele count	% alleles	% sample	Allele count	% alleles	% sample	Allele count	% alleles	% sample
HLA A												
Common	34	7.0	99.4	40	8.2	99.7	27	5.5	99.7	48	9.8	99.6
Rare	25	5.1	0.6	10	2.0	0.3	27	5.5	0.3	14	2.9	0.4
Never Seen	430	87.9	0.0	439	89.8	0.0	435	89.0	0.0	427	87.3	0.0
Total	489	100	100	489	100	100	489	100	100	489	100	100
IMGT Total	617											
HLA C												
Common	27	10.6	99.5	31	12.2	99.7	21	8.2	99.7	34	13.3	99.7
Rare	17	6.7	0.5	10	3.9	0.3	26	10.2	0.3	13	5.1	0.3
Never Seen	211	82.7	0.0	214	83.9	0.0	208	81.6	0.0	208	81.6	0.0
Total	255	100	100	255	100	100	255	100	100	255	100	100
IMGT Total	335											
HLA B												
Common	60	7.4	99.1	74	9.1	99.6	44	5.4	99.4	94	11.6	99.4
Rare	29	3.6	0.9	14	1.7	0.4	41	5.0	0.6	24	3.0	0.6
Never Seen	724	89.1	0.0	725	89.2	0.0	728	89.5	0.0	695	85.5	0.0
Total	813	100	100	813	100	100	813	100	100	813	100	100
IMGT Total	958											
HLA DRB1												
Common	41	9.0	99.6	41	9.0	99.5	31	6.8	99.8	44	9.6	99.7
Rare	12	2.6	0.4	16	3.5	0.5	13	2.8	0.2	13	2.8	0.3
Never Seen	404	88.4	0.0	400	87.5	0.0	413	90.4	0.0	400	87.5	0.0
Total	457	100	100	457	100	100	457	100	100	457	100	100
IMGT Total	542											
HLA DQB1												
Common	16	26.2	100.0	15	24.6	99.9	16	26.2	100.0	16	26.2	99.9
Rare	1	1.6	0.0	2	3.3	0.1	0	0.0	0.0	2	3.3	0.1
Never Seen	44	72.1	0.0	44	72.1	0.0	45	73.8	0.0	43	70.5	0.0
Total	61	100	100	61	100	100	61	100	100	61	100	100
IMGT Total	87											

IMGT allelic totals (HLADB 2.19.0 – October, 2007) are also shown.

Common ≥ 0.005 , Rare < 0.005 , Never Seen = absent.