

DR/DQ Associations

Table 13. DRB1-DQA1-DQB1 haplotypes

DRB1	DQA1	DQB1	Freq. Overall	Exclusive for an Ethnic Group
0101	0101	0501	very common	
0101	0102	0504	rare	
0102	0101	0501	very common	
0103	0101	0501	common	
0103	0501/3/5	0301	common	
0301	0102	0602	extremely rare	
0301	0501/3/5	0201	very common	
0302	0401	0402	common	Africans
0302	0501/3/5	0201	extremely rare	Africans
0401	0301	0302	very common	
0401	0302/3	0301	very common	
0401	0302/3	0302	intermediate	
0402	0301	0302	common	
0403	0301	0302	common	
0403	0301	0304	intermediate	
0403	03	0305	rare	
0404	0301	0302	very common	
0404	0301	0402	rare	
0405	0103	0503	common in Phillipino	rare in Africans
0405	0302/3	0202	intermediate/rare	african
0405	0302/3	0302	common	non-asian
0405	0302/3	0401	very common	asian
0405	0501/3/5	0301	rare	Mediterranean?
0406	0301	0302	very common	asian
0406	0301	0402	rare	African/Mediterranean?
0407	0301	0302	very common	hispanic/native american
0407	0302/3	0301	common	caucasian
0408	0302/3	0301	common	
0403	0301	0304	rare	Eastern European
0409	0302/3	0301	rare	caucasian
0410	0301	0402	common	Asian
0411	0301	0302	very common	hispanic/native american-Asian
0411	0301	0402	rare	hispanic/native american
0701	0201	0202	very common	
0701	0201	0303	common	
0701	0302/3	0202	very rare	african
0801	0401	0402	very common	caucasian
0801	0301	0302	rare	caucasian
0802	0401	0402	very common	American Indian/Asian
0802	0301	0302	very rare	hispanic/native american/asian
0803	0601	0301	common	caucasian
0803	0103	0601	very common	asian
0804	0401	0301	very common	african
0804	0501/3/5	0301	common	african
0804	0102	0602	extremely rare	african
0804	0401	0402	common	african
0804	0501/3/5	0301	common	african
0806	0102	0602	common	african
0806	0501/3/5	0301	extremely rare	african
0809	0302/3	0303	extremely rare	caucasian/asian

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DRB1	DQA1	DQB1	Freq. Overall	Exclusive for an Ethnic Group
0901	0302/3	0202	very common african	african/rare caucasian
0901	0302/3	0303	very common	Asian/Caucasian/Native American
1001	0104	0501	common	
1101	0102	0502	rare	African
1101	0102	0602	very common	african
1101	0302/3	0202	rare	African
1101	0501/3/5	0301	very common	
1102	0302/3	0202	rare	African
1102	0501/3/5	0301	common	
1103	0501/3/5	0301	common	
1104	0103	0603	intermediate/rare	Caucasian/Middle Eastern
1104	0501/3/5	0301	very common	
1201	0104	0501	common	african
1201	0501/3/5	0301	very common	
1202	0302/3	0303	rare	Asian
1202	0601	0301	very common	Asian
1301	0103	0603	very common	
1301	0302/3	0303	rare	
1302	0102	0604	very common	
1302	0102	0609	very common	
1302	0102	0501	intermediate/rare	african
1303	0201	0202	common	african
1303	03	0302	extremely rare	
1303	0501/3/5	0301	very common	
1304	0501/3/5	0301	common	
1305	0501/3/5	0301	intermediate/rare	Caucasian/Middle Eastern
1401	0104	0501	rare	African
1401	0102	0602	rare	African
1401	0104	0502	common	asian
1401	0104	0503	very common	
1402	0501/3/5	0301	very common	hispanic/native american/asian
1402	0301	0302	rare	hispanic/native american
1403	0501/3/5	0301	common	asian
1404	0104	0502	intermediate/rare	asian, Gypsy
1404	0104	0503	common	asian
1405	0104	0503	common	asian
1406	0501/3/5	0301	common	hispanic/native american/asian
1424	0201	0202	rare	Native American
1501	0102	0602	very common	
1501	0102	0603	rare	
1502	0103	0601	very common/common	
1503	0102	0602	very common	African
1503	0302/3	0202	rare	African
1503	0102	0501	rare	African
1601	0102	0502	common	caucasian
1602	0102	0502	common	non caucasian
1602	0501/3/5	0301	common	hispanic/native american

References:

DR/DQ Associations

Table 13. DRB1-DQA1-DQB1 haplotypes

DRB1	DQA1	DQB1	Freq. Overall	Exclusive for an Ethnic Group
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