

Table 11. Relative proportions of DRB1-DRB3/4/5-DQB1 haplotypes in major ethnic groups of the U.S.

			ALL 2n = 9458 Proportion	CAU 2n = 5974 Proportion	AFR 2n = 492 Proportion	API 2n = 568 Proportion	HIS 2n = 1566 Proportion	NAM 2n = 204 Proportion	AINDI 2n = 172 Proportion	MENAF 2n = 96 Proportion	TI-Unk.-C 2n = 386 Proportion	
DRB1	DRB3/4/5	DQB1										
DRB1 0101	gf			0.069	0.043	0.026	0.047	0.044	0.017	0.031	0.049223	
	0101	NEGATIVE	0501	97.1%	96.6%	100.0%	100.0%	98.6%	100.0%	100.0%	94.7%	
	0101	NEGATIVE	0504	2.9%	3.4%			1.4%			5.3%	
DRB1 010201	gf			0.018	0.033	0.004	0.054	0.020	0.006	0.000	0.023316	
	010201	NEGATIVE	0501	99.6%	99.1%	100.0%	100.0%	100.0%	100.0%		100.0%	
	010201	NEGATIVE	0603	0.4%	0.9%							
DRB1 0103	gf			0.007	0.004	0.000	0.001	0.000	0.000	0.000	0.010363	
	0103	NEGATIVE	0501	68.1%	69.2%	50.0%		100.0%			50.0%	
	0103	NEGATIVE	030101	31.9%	30.8%	50.0%					50.0%	
DRB1 030101	gf			0.053	0.075	0.051	0.034	0.034	0.058	0.021	0.03886	
	030101	B3-0101	0201	59.3%	69.0%	45.9%	17.2%	47.2%	100.0%		40.0%	
	030101	B3-020201	0201	39.8%	30.4%	54.1%	82.8%	50.9%		100.0%	53.3%	
	030101	B3-0101	0602	0.2%	0.3%							
	030101	B3-020201	0502	0.2%	0.3%							
	030101	B3-020201	0501	0.2%							6.7%	
	030101	B3-030101	0201	0.2%				1.9%				
DRB1 030201	gf			0.000	0.035	0.000	0.002	0.000	0.000	0.000	0.002591	
	030201	B3-0101	0402	90.9%	100.0%	94.1%		66.7%			100.0%	
	030201	B3-030101	0402	9.1%		5.9%		33.3%				
DRB1 040101	gf			0.057	0.030	0.012	0.017	0.054	0.012	0.010	0.062176	
	040101	B4-01AC	030101	51.6%	51.0%	73.3%	57.1%	40.7%	72.7%		50.0%	
	040101	B4-01AC	0302	46.7%	47.5%	20.0%	28.6%	59.3%	27.3%	100.0%	50.0%	
	040101	B4-01AC	0304	0.7%	0.9%							
	040101	B4-0102	030101	0.7%	0.6%		14.3%					
	040101	B4-01AC	0602	0.2%		6.7%						
DRB1 0402	gf			0.014	0.002	0.007	0.009	0.005	0.029	0.010	0.010363	
	0402	B4-01AC	0302	99.1%	98.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	0402	B4-01AC	030101	0.9%	1.2%							
DRB1 040301	gf			0.017	0.004	0.048	0.033	0.005	0.058	0.052	0.033679	
	04031	B4-01AC	0302	82.3%	74.7%	100.0%	92.6%	84.6%	100.0%	100.0%	60.0%	
	04031	B4-01AC	0305	6.7%	12.1%		3.7%				20.0%	
	04031	B4-01AC	0304	5.3%	7.1%			5.8%			20.0%	
	04031	B4-01AC	030101	2.4%	4.0%			1.9%				
	04031	B4-010303	0302	1.9%	1.0%			5.8%				
	04031	B4-0102	0302	0.5%	1.0%							
	04031	B4-0104	0302	0.5%			3.7%					
	04031	B4-01AC	03NEW	0.5%				1.9%				
DRB1 0404	gf			0.056	0.022	0.016	0.064	0.078	0.012	0.021	0.049223	
	0404	B4-01AC	0302	95.2%	94.4%	100.0%	100.0%	97.0%	50.0%	100.0%	100.0%	
	0404	B4-01AC	0402	3.4%	4.2%			2.0%	50.0%			
	0404	B4-010303	0302	0.6%	0.3%			1.0%	6.3%			

Table 11. Relative proportions of DRB1-DRB3/4/5-DQB1 haplotypes in major ethnic groups of the U.S.

			ALL 2n = 9458 Proportion	CAU 2n = 5974 Proportion	AFR 2n = 492 Proportion	API 2n = 568 Proportion	HIS 2n = 1566 Proportion	NAM 2n = 204 Proportion	AINDI 2n = 172 Proportion	MENAF 2n = 96 Proportion	TI-Unk.-C 2n = 386 Proportion		
	DRB1	DRB3/4/5	DQB1										
		0404	B4-01AC	0304	0.4%	0.6%							
		0404	B4-01AC	0202	0.2%	0.3%							
		0404	B4-01AC	030101	0.2%	0.3%							
DRB1	040501	gf			0.010	0.024	0.070	0.019	0.015	0.006	0.000	0.015544	
		040501	B4-01AC	0302	60.9%	83.3%	91.7%	2.5%	75.9%	100.0%	100.0%	66.7%	
		040501	B4-01AC	0401	22.5%			85.0%					
		040501	B4-01AC	030101	9.3%	8.3%	8.3%		24.1%			16.7%	
		040501	B4-01AC	0202	4.0%	8.3%						16.7%	
		040501	B4-01AC	0402	2.0%			7.5%					
		040501	B4-01AC	050301	1.3%			5.0%					
DRB1	0406	gf			0.000	0.000	0.023	0.001	0.000	0.000	0.000	0.007772	
		0406	B4-01AC	0302	88.9%			100.0%				100.0%	
		0406	B4-01AC	0402	11.1%	100.0%							
DRB1	040701	gf			0.016	0.004	0.007	0.097	0.059	0.000	0.010	0.028497	
		04071	B4-01AC	0302	59.9%	7.4%		100.0%	92.8%	83.3%		36.4%	
		04071	B4-01AC	030101	39.0%	91.6%	100.0%		5.9%	16.7%	100.0%	63.6%	
		04071	B4-01AC	0402	1.1%	1.1%			1.3%				
DRB1	0408	gf			0.007	0.002	0.002	0.002	0.000	0.000	0.000	0.005181	
		0408	B4-01AC	030101	85.1%	82.5%	100.0%	100.0%	100.0%			100.0%	
		0408	B4-01AC	0304	14.9%	17.5%							
DRB1	0409	gf			0.000	0.002	0.000	0.000	0.000	0.000	0.000	0	
		0409	B4-01AC	030101	100.0%	100.0%	100.0%						
DRB1	0410	gf			0.000	0.000	0.009	0.006	0.010	0.000	0.000	0	
		0410	B4-01AC	0402	81.3%			100.0%	66.7%	100.0%			
		0410	B4-01AC	0302	18.8%				33.3%				
DRB1	0411	gf			0.001	0.000	0.000	0.024	0.000	0.000	0.000	0.007772	
		0411	B4-01AC	0302	67.4%	66.7%			67.6%			66.7%	
		0411	B4-01AC	0402	32.6%	33.3%			32.4%			33.3%	
DRB1	0440	gf			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
		0440	B4-01AC	0302	100.0%	100.0%							
DRB1	070101	gf			0.099	0.106	0.081	0.063	0.132	0.110	0.115	0.088083	
		070101	B4-01AC	0202	79.4%	76.8%	94.2%	84.8%	88.8%	74.1%	57.9%	100.0%	76.5%
		070101	B4-01AC	030302	20.2%	22.7%	3.8%	15.2%	11.2%	25.9%	42.1%		23.5%
		070101	B4-01AC	0402	0.2%	0.3%							
		070101	B4-01AC	030101	0.1%	0.2%							
		070101	B4-01AC	0302	0.1%		1.9%						
DRB1	080101	gf			0.031	0.006	0.002	0.011	0.020	0.012	0.042	0.018135	
		080101	NEGATIVE	0402	97.3%	96.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
		080101	NEGATIVE	0302	2.7%	3.2%							
DRB1	080201	gf			0.001	0.000	0.014	0.049	0.005	0.000	0.000	0.012953	
		080201	NEGATIVE	0402	91.7%	100.0%		37.5%	96.1%	100.0%		100.0%	

Table 11. Relative proportions of DRB1-DRB3/4/5-DQB1 haplotypes in major ethnic groups of the U.S.

				ALL 2n = 9458 Proportion	CAU 2n = 5974 Proportion	AFR 2n = 492 Proportion	API 2n = 568 Proportion	HIS 2n = 1566 Proportion	NAM 2n = 204 Proportion	AINDI 2n = 172 Proportion	MENAF 2n = 96 Proportion	TI-Unk.-C 2n = 386 Proportion
	DRB1	DRB3/4/5	DQB1									
	080201	NEGATIVE	0302	5.2%			62.5%					
	080201	NEGATIVE	030101	2.1%				2.6%				
	080201	NEGATIVE	0602	1.0%				1.3%				
DRB1	080302	gf			0.005	0.002	0.030	0.001	0.000	0.000	0.021	0.005181
	080302	NEGATIVE	030101	66.7%	96.7%	100.0%	11.8%	100.0%			100.0%	
	080302	NEGATIVE	0601	31.5%	3.3%		88.2%					50.0%
	080302	NEGATIVE	050301	1.9%								50.0%
DRB1	080401	gf			0.002	0.045	0.002	0.006	0.000	0.006	0.000	0.005181
	080401	NEGATIVE	030101	54.0%	21.4%	86.4%	100.0%	30.0%				50.0%
	080401	NEGATIVE	0402	46.0%	78.6%	13.6%		70.0%		100.0%		50.0%
DRB1	080402	gf			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
	080402	NEGATIVE	0402	100.0%	100.0%							
DRB1	08044	gf			0.000	0.000	0.000	0.001	0.000	0.000	0.000	0
	080404	NEGATIVE	0402	100.0%				100.0%				
DRB1	0806	gf			0.001	0.008	0.000	0.001	0.000	0.000	0.000	0
	0806	NEGATIVE	0602	100.0%	100.0%	100.0%		100.0%				
DRB1	0807	gf			0.000	0.000	0.000	0.001	0.000	0.000	0.000	0
	0807	NEGATIVE	0402	100.0%				100.0%				
DRB1	0810	gf			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
	0810	NEGATIVE	030101	100.0%	100.0%							
DRB1	0811	gf			0.000	0.002	0.000	0.001	0.029	0.000	0.000	0.002591
	0811	NEGATIVE	0402	100.0%	100.0%	100.0%		100.0%	100.0%			100.0%
DRB1	090102	gf			0.004	0.002	0.053	0.010	0.020	0.000	0.000	0.015544
	09012	B4-01AC	030302	93.9%	92.3%		100.0%	100.0%	100.0%			66.7%
	09012	B4-01AC	0202	3.7%		100.0%						33.3%
	09012	B4-01AC	0302	1.2%	3.8%							
	09012	B4-01AC	030101	1.2%	3.8%							
DRB1	100101	gf			0.006	0.016	0.026	0.009	0.000	0.081	0.010	0.018135
	10011	NEGATIVE	0501	100.0%	100.0%	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%
DRB1	110101	gf			0.104	0.028	0.076	0.066	0.103	0.093	0.115	0.064767
	110101	B3-020201	030101	97.4%	97.7%	100.0%	90.7%	97.1%	100.0%	100.0%	100.0%	96.0%
	110101	B3-020201	0502	0.5%	0.6%							
	110101	B3-020201	0302	0.5%	0.3%		4.7%					
	110101	B3-0101	030101	0.4%	0.5%							
	110101	B3-020201	0603	0.2%	0.3%							
	110101	B3-0209	030101	0.2%	0.2%							4.0%
	110101	B3-020201	030302	0.2%				1.9%				
	110101	B3-020201	0601	0.2%			4.7%					
	110101	B3-020201	0202	0.1%	0.2%							
	110101	B3-02NEW	030101	0.1%	0.2%							
	110101	B3-030101	0609	0.1%				1.0%				

Table 11. Relative proportions of DRB1-DRB3/4/5-DQB1 haplotypes in major ethnic groups of the U.S.

				ALL	CAU	AFR	API	HIS	NAM	AINDI	MENAF	TI-Unk.-C
				2n = 9458	2n = 5974	2n = 492	2n = 568	2n = 1566	2n = 204	2n = 172	2n = 96	2n = 386
DRB1	DRB3/4/5	DQB1	gf	Proportion	Proportion	Proportion	Proportion	Proportion	Proportion	Proportion	Proportion	Proportion
DRB1	110102		gf		0.001	0.081	0.002	0.008	0.005	0.000	0.000	0.002591
	110102	B3-020201	0602	38.3%	25.0%	37.5%		46.2%	100.0%			
	110102	B3-020201	030101	26.7%	25.0%	32.5%		15.4%				100.0%
	110102	B3-030101	0502	8.3%	50.0%	2.5%		7.7%				
	110102	B3-020201	0202	8.3%		10.0%		7.7%				
	110102	B3-030101	0602	6.7%		5.0%		15.4%				
	110102	B3-020201	0501	3.3%		2.5%		7.7%				
	110102	B3-020201	0302	1.7%			100.0%					
	110102	B3-020201	0502	1.7%		2.5%						
	110102	B3-020201	0604	1.7%		2.5%						
	110102	B3-020201	0603	1.7%		2.5%						
	110102	B3-020201	0609	1.7%		2.5%						
DRB1	11013		gf		0.000	0.000	0.002	0.000	0.000	0.000	0.000	0
	110103	B3-020201	030101	100.0%			100.0%					
DRB1	1102		gf		0.002	0.037	0.000	0.010	0.005	0.000	0.000	0.002591
	1102	B3-020201	030101	91.5%	91.7%	83.3%		100.0%	100.0%			100.0%
	1102	B3-030101	030101	6.4%		16.7%						
	1102	B3-020201	0202	2.1%	8.3%							
DRB1	1103		gf		0.010	0.002	0.000	0.005	0.010	0.000	0.010	0.010363
	1103	B3-020201	030101	96.1%	96.7%	100.0%		87.5%	100.0%		100.0%	100.0%
	1103	B3-020201	0202	2.6%	1.6%			12.5%				
	1103	B3-020201	0402	1.3%	1.6%							
DRB1	11NEW		gf		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
	11NEW	B3-020201	030101	100.0%	100.0%							
DRB1	110401		gf		0.077	0.016	0.016	0.081	0.054	0.047	0.229	0.044041
	110401	B3-020201	030101	93.5%	93.5%	75.0%	100.0%	92.1%	90.9%	100.0%	100.0%	100.0%
	110401	B3-020201	0603	5.4%	6.1%	12.5%		5.5%				
	110401	B3-0101	030101	0.3%	0.4%							
	110401	B3-020201	0202	0.3%		12.5%		0.8%				
	110401	B3-030101	030101	0.3%				0.8%	9.1%			
	110401	B3-020201	0302	0.2%				0.8%				
DRB1	110402		gf		0.000	0.006	0.000	0.000	0.000	0.006	0.000	0
	110402	B3-020201	0502	75.0%		66.7%				100.0%		
	110402	B3-020201	0602	25.0%		33.3%						
DRB1	1105		gf		0.000	0.000	0.002	0.000	0.000	0.000	0.000	0
	1105	B3-020201	0602	100.0%			100.0%					
DRB1	1106		gf		0.000	0.000	0.004	0.000	0.000	0.006	0.000	0
	1106	B3-020201	030101	100.0%			100.0%			100.0%		
DRB1	1110		gf		0.000	0.002	0.000	0.000	0.000	0.000	0.000	0
	1110	B3-020201	0602	100.0%		100.0%						
DRB1	1111		gf		0.000	0.000	0.000	0.001	0.000	0.000	0.000	0

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DRB1	DRB3/4/5	DQB1										
1111	B3-020201	030101		100.0%	100.0%							
DRB1	1113	gf			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
	1113	B3-020201	050301	100.0%	100.0%							
DRB1	1115	gf			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
	1115	B3-020201	030101	100.0%	100.0%							
DRB1	1118	gf			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
	1118	B3-020201	030101	100.0%	100.0%							
DRB1	1143	gf			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
	1143	B3-020201	030101	100.0%	100.0%							
DRB1	120101	gf			0.010	0.012	0.030	0.007	0.020	0.000	0.000	0.015544
	120101	B3-020201	030101	73.8%	96.6%		23.5%	72.7%	100.0%			50.0%
	120101	B3-0101	030101	13.6%		16.7%	52.9%	9.1%				50.0%
	120101	B3-020201	0501	3.9%	1.7%	50.0%						
	120101	B3-020201	030302	1.9%	1.7%		5.9%					
	120101	B3-0101	0501	1.9%				18.2%				
	120101	B3-0101	050301	1.9%			11.8%					
	120101	B3-030101	0501	1.9%		33.3%						
	120101	B3-0101	0602	1.0%			5.9%					
DRB1	120201	gf			0.000	0.000	0.069	0.002	0.000	0.017	0.000	0.002591
	120201	B3-030101	030101	76.1%			71.8%	100.0%		100.0%		100.0%
	120201	B3-020201	030101	19.6%			23.1%					
	120201	B3-020201	0502	2.2%			2.6%					
	120201	B3-030101	0502	2.2%			2.6%					
DRB1	130101	gf			0.075	0.059	0.018	0.049	0.083	0.070	0.052	0.059585
	130101	B3-0101	0603	59.6%	60.8%	51.7%	70.0%	59.2%	52.9%	50.0%	40.0%	56.5%
	130101	B3-020201	0603	34.5%	35.5%	3.4%	30.0%	35.5%	35.3%	50.0%	60.0%	39.1%
	130101	B3-0101	030302	1.1%	1.1%			1.3%	5.9%			
	130101	B3-020201	030302	1.0%	0.4%	13.8%						
	130101	B3-030101	0501	1.0%	0.2%	10.3%		1.3%				4.3%
	130101	B3-020201	0602	0.6%		6.9%		1.3%	5.9%			
	130101	B3-020201	0609	0.5%		6.9%		1.3%				
	130101	B3-0101	0501	0.3%	0.4%							
	130101	B3-030101	0603	0.3%	0.4%							
	130101	B3-0101	0602	0.2%	0.2%							
	130101	B3-020201	030101	0.2%	0.2%							
	130101	B3-020201	0502	0.2%	0.2%							
	130101	B3-020201	050301	0.2%	0.2%							
	130101	B3-0211	0603	0.2%	0.2%							
	130101	B3-020201	0501	0.2%		3.4%						
	130101	B3-020201	0608	0.2%		3.4%						
DRB1	130201	gf			0.050	0.091	0.035	0.054	0.039	0.041	0.042	0.056995

Table 11. Relative proportions of DRB1-DRB3/4/5-DQB1 haplotypes in major ethnic groups of the U.S.

				ALL 2n = 9458 Proportion	CAU 2n = 5974 Proportion	AFR 2n = 492 Proportion	API 2n = 568 Proportion	HIS 2n = 1566 Proportion	NAM 2n = 204 Proportion	AINDI 2n = 172 Proportion	MENAF 2n = 96 Proportion	TI-Unk.-C 2n = 386 Proportion
	DRB1	DRB3/4/5	DQB1									
	130201	B3-030101	0604	64.4%	66.1%	26.7%	75.0%	74.1%	87.5%	71.4%	100.0%	54.5%
	130201	B3-030101	0609	30.1%	30.9%	46.7%	25.0%	20.0%	12.5%	28.6%		40.9%
	130201	B3-030101	0501	2.8%	0.7%	17.8%		3.5%				4.5%
	130201	B3-030101	0502	1.0%		8.9%		1.2%				
	130201	B3-0101	0603	0.4%	0.7%							
	130201	B3-030101	0302	0.4%	0.7%							
	130201	B3-030101	0603	0.4%	0.7%							
	130201	B3-020201	0604	0.2%	0.3%							
	130201	B3-030101	030101	0.2%				1.2%				
DRB1	130301	gf			0.008	0.016	0.000	0.010	0.005	0.000	0.031	0.007772
	130301	B3-0101	030101	93.6%	95.8%	62.5%		100.0%	100.0%		100.0%	100.0%
	130301	B3-020201	0202	3.8%	2.1%	25.0%						
	130301	B3-0101	0502	1.3%	2.1%							
	130301	B3-020201	030101	1.3%		12.5%						
DRB1	130302	gf			0.001	0.002	0.000	0.000	0.000	0.000	0.000	0
	130302	B3-0101	030101	100.0%	100.0%	100.0%						
DRB1	1304	gf			0.000	0.008	0.002	0.001	0.000	0.000	0.000	0.002591
	1304	B3-020201	030101	100.0%		100.0%	100.0%	100.0%				100.0%
DRB1	1305	gf			0.002	0.000	0.000	0.002	0.000	0.000	0.000	0.002591
	1305	B3-020201	030101	100.0%	100.0%			100.0%				100.0%
DRB1	1311	gf			0.000	0.000	0.000	0.001	0.000	0.000	0.000	0
	1311	B3-020201	030101	100.0%				100.0%				
DRB1	1331	gf			0.000	0.000	0.000	0.001	0.000	0.000	0.000	0
	1331	B3-030101	0502	100.0%				100.0%				
DRB1	13NEW	gf			0.000	0.000	0.002	0.000	0.000	0.000	0.000	0
	13NEW	B3-020201	030101	100.0%			100.0%					
DRB1	140101	gf			0.036	0.016	0.026	0.022	0.029	0.012	0.073	0.044041
	140101	B3-020201	050301	85.9%	89.4%	87.5%	53.3%	76.5%	100.0%	100.0%	57.1%	94.1%
	140101	B3-0201	050301	9.5%	8.3%	12.5%		17.6%			42.9%	5.9%
	140101	B3-020201	0502	2.3%			46.7%					
	140101	B3-020201	0501	1.3%	1.4%			2.9%				
	140101	B3-020201	0602	0.7%	0.5%			2.9%				
	140101	B3-0206	050301	0.3%	0.5%							
DRB1	1402	gf			0.000	0.000	0.000	0.006	0.015	0.000	0.000	0.010363
	1402	B3-0101	030101	94.4%	100.0%			100.0%	100.0%			75.0%
	1402	B3-0101	0302	5.6%								25.0%
DRB1	1403	gf			0.000	0.000	0.005	0.000	0.000	0.000	0.000	0
	1403	B3-0101	030101	100.0%			100.0%					
DRB1	1404	gf			0.000	0.002	0.002	0.000	0.000	0.023	0.000	0.002591
	1404	B3-020201	050301	100.0%	100.0%	100.0%	100.0%			100.0%		100.0%
DRB1	1405	gf			0.000	0.000	0.004	0.000	0.000	0.000	0.000	0

Table 11. Relative proportions of DRB1-DRB3/4/5-DQB1 haplotypes in major ethnic groups of the U.S.

				ALL 2n = 9458 Proportion	CAU 2n = 5974 Proportion	AFR 2n = 492 Proportion	API 2n = 568 Proportion	HIS 2n = 1566 Proportion	NAM 2n = 204 Proportion	AINDI 2n = 172 Proportion	MENAF 2n = 96 Proportion	TI-Unk.-C 2n = 386 Proportion
	DRB1	1405	B3-020201	66.7%	100.0%		50.0%					
		1405	B3-020204	33.3%			50.0%					
DRB1	1406	gf			0.000	0.000	0.002	0.006	0.000	0.000	0.000	0
		1406	B3-0101	100.0%	100.0%		100.0%	100.0%				
DRB1	1407	gf			0.001	0.000	0.002	0.001	0.000	0.000	0.000	0
		1407	B3-020201	100.0%	100.0%		100.0%	100.0%				
DRB1	150101	gf			0.101	0.035	0.092	0.057	0.064	0.081	0.031	0.098446
		150101	B5-01011	91.5%	94.9%	94.1%	65.4%	94.4%	84.6%	21.4%	100.0%	92.1%
		150101	B5-01011	2.9%	0.3%	5.9%	15.4%			78.6%		5.3%
		150101	B5-01011	2.2%	2.5%			1.1%	7.7%			2.6%
		150101	B5-01011	2.2%	1.2%		13.5%	4.5%				
		150101	B5-01011	0.6%	0.7%				7.7%			
		150101	B5-01011	0.2%			3.8%					
		150101	B5-01011	0.1%	0.2%							
		150101	B5-01012	0.1%	0.2%							
		150101	B5-0105	0.1%	0.2%							
		150101	B5-01011	0.1%			1.9%					
DRB1	150201	gf			0.018	0.006	0.106	0.018	0.005	0.128	0.052	0.033679
		150201	B5-01CGF	88.8%	99.1%	100.0%	66.7%	96.4%	100.0%	90.9%	100.0%	76.9%
		150201	B5-01CGF	5.0%			16.7%	3.6%				7.7%
		150201	B5-01011	2.5%			6.7%			4.5%		7.7%
		150201	B5-01CGF	1.3%			3.3%			4.5%		
		150201	B5-01011	0.8%	0.9%		1.7%					
		150201	B5-01011	0.4%			1.7%					
		150201	B5-01011	0.4%								7.7%
		150201	B5-0103	0.4%			1.7%					
		150201	B5-01CGF	0.4%			1.7%					
DRB1	150202	gf			0.000	0.000	0.004	0.000	0.000	0.035	0.000	0
		150202	B5-01CGF	100.0%	100.0%		100.0%			100.0%		
DRB1	1503	gf			0.000	0.098	0.000	0.005	0.005	0.000	0.000	0.015544
		1503	B5-01011	84.4%	100.0%	81.3%		87.5%	100.0%			100.0%
		1503	NEGATIVE	9.4%		10.4%		12.5%				
		1503	B5-01011	3.1%		4.2%						
		1503	B5-01011	3.1%		4.2%						
DRB1	1506	gf			0.000	0.000	0.000	0.000	0.000	0.035	0.000	0
		1506	B5-01011	100.0%						100.0%		
DRB1	160101	gf			0.024	0.008	0.002	0.014	0.005	0.000	0.010	0.010363
		160101	B5-0202	97.7%	99.3%	100.0%	100.0%	86.4%	100.0%		100.0%	100.0%
		160101	B5-02NEW	1.1%				9.1%				
		160101	B5-01011	0.6%	0.7%							
DRB1	160201	gf			0.002	0.006	0.019	0.017	0.025	0.000	0.010	0.002591

Table 11. Relative proportions of DRB1-DRB3/4/5-DQB1 haplotypes in major ethnic groups of the U.S.

			ALL	CAU	AFR	API	HIS	NAM	AINDI	MENAF	TI-Unk.-C
			2n = 9458	2n = 5974	2n = 492	2n = 568	2n = 1566	2n = 204	2n = 172	2n = 96	2n = 386
DRB1	DRB3/4/5	DQB1	Proportion	Proportion	Proportion	Proportion	Proportion	Proportion	Proportion	Proportion	Proportion
160201	B5-0202	0603	0.6%				4.5%				
160201	B5-0202	030101	53.4%	18.2%			88.5%	100.0%			100.0%
160201	B5-0202	0502	34.5%	81.8%	100.0%	45.5%	7.7%			100.0%	
160201	B5-01011	0502	10.3%			54.5%					
160201	B5-0202	030302	1.7%				3.8%				
DRB1	1605	gf		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
	1605	B5-0202	0502	100.0%	100.0%						

## References:

Burdett L, Smith K, Tu B, Guterrez M, Buck K., Maiers M., Ng J., Hartzman R. and Fernandez-Vina M.. DRB-DQB1 diver  
 (abstract) Hum Immunol. 2003 Oct;64(10 Suppl):S6