

Supplementary File 1. Evaluation of allele frequency of HLA -DPB1

TABLE S1. Evaluation of Allele Frequency in Two Groups for Class II HLA -DPB1* at 1st and 2nd Field Resolution (2-4 digit).

2n=1092		2n=792			
DPB1*	AF	DPB1*	AF	DPB1*	AF
01	0.01374	01	0.0151	01:01	0.0151
02	0.1859	02	0.1852	02:01	0.1839
				02:02	0.0013
03	0.087	03	0.0756	03:01	0.0756
04	0.55037	04	0.5647	04:01	0.3955
				04:02	0.1562
				04:04	0.0013
05	0.01923	05	0.0227	05:01	0.0202
				05:02	0.0025
06	0.00183	06	0.0025	06:02	0.0025
08	0.00092	08	0.0013	08:02	0.0013
09	0.01465	09	0.0126	09:01	0.0126
10	0.01648	10	0.0202	10:01	0.0202
11	0.00366	11	0.0026	11:01	0.0013
				11:02	0.0013
13	0.02198	13	0.0164	13:01	0.0164
14	0.01374	14	0.0151	14:01	0.0151
15	0.0119	15	0.0139	15:01	0.0139
16	0.00092	16	0.0013	16:01	0.0013
17	0.02381	17	0.0239	17:01	0.0239
18	0.00183	18	0.0025	18:02	0.0025
19	0.00366	19	0.0050	19:01	0.0050
22	0.00092	22	0.0013	22:01	0.0013
23	0.00458	23	0.0050	23:01	0.0050
26	0.00275	26	0.0038	26:01	0.0038
36	0.00092	36	0.0013	36:01	0.0013
47	0.00183	47	0.0025	47:01	0.0025
51	0.00183	51	0.0025	51:01	0.0025
61	0.00092	61	0.0013	61:01	0.0013
66	0.00183	66	0.0025	66:01	0.0025
70	0.00092	70	0.0013	70:01	0.0013
84	0.00092	84	0.0013	84:01	0.0013
91	0.00092	91	0.0013	91:01	0.0013
104	0.00183	104	0.0025	104:01	0.0025
105	0.00458	105	0.0038	105:01	0.0038
129	0.00092	129	0.0013	129:01	0.0013

AF, Allele Frequency; **Bold** marks show the alleles with the highest frequency.