

**Supplemental Table 2. Association analysis of SNPs in the 3'UTR region of *HLA-DPBI* with HBV clearance**

	dbSNP	Genotypes	Clearance N	%	Persistence N	%		<i>P</i> value	OR	95% CI	
All samples	<i>rs933<sup>a</sup></i>	<i>CC</i>	181	44.58	98	42.24	<i>CC</i> vs. <i>TT</i>	0.04	0.46	0.22-0.97	
		<i>CT</i>	193	47.54	99	42.67	<i>CC</i> vs. <i>CT</i>	0.88	0.97	0.68-1.40	
		<i>TT</i>	32	7.88	35	15.09	<i>CT</i> vs. <i>TT</i>	0.01	0.36	0.17-0.74	
								<i>CC</i> vs. <i>CT/TT</i>	0.45	0.88	0.63-1.23
								<i>CT/CC</i> vs. <i>TT</i>	0.002	0.41	0.24-0.71
European American		<i>CC</i>	156	50.16	83	46.11	<i>CC</i> vs. <i>TT</i>	0.13	0.48	0.18-1.25	
		<i>CT</i>	144	46.30	80	44.44	<i>CC</i> vs. <i>CT</i>	0.61	0.90	0.61-1.34	
		<i>TT</i>	11	3.54	17	9.44	<i>CT</i> vs. <i>TT</i>	0.01	0.15	0.03-0.67	
								<i>CC</i> vs. <i>CT/TT</i>	0.40	0.85	0.59-1.23
								<i>CT/CC</i> vs. <i>TT</i>	0.01	0.33	0.14-0.74
African American		<i>CC</i>	20	25.00	9	20.93	<i>CC</i> vs. <i>TT</i>	0.09	0.32	0.09-1.21	
		<i>CT</i>	42	52.50	16	37.21	<i>CC</i> vs. <i>CT</i>	0.93	1.05	0.36-3.08	
		<i>TT</i>	18	22.50	18	41.86	<i>CT</i> vs. <i>TT</i>	0.07	0.42	0.17-1.08	
								<i>CC</i> vs. <i>CT/TT</i>	0.49	0.74	0.31-1.74
								<i>CT/CC</i> vs. <i>TT</i>	0.02	0.39	0.17-0.88
All samples	<i>rs9277522</i>	<i>GG</i>	180	44.33	97	41.81	<i>GG</i> vs. <i>AA</i>	0.03	0.42	0.19-0.92	
		<i>AG</i>	194	47.78	99	42.67	<i>GG</i> vs. <i>AG</i>	0.88	0.97	0.68-1.40	
		<i>AA</i>	32	7.88	36	15.52	<i>AG</i> vs. <i>AA</i>	0.005	0.35	0.17-0.73	
								<i>GG</i> vs. <i>AA/AG</i>	0.41	0.87	0.62-1.21
								<i>AG/GG</i> vs. <i>AA</i>	0.001	0.39	0.22-0.68
European American		<i>GG</i>	156	50.16	83	46.11	<i>GG</i> vs. <i>AA</i>	0.13	0.48	0.18-1.25	

		<i>AG</i>	144	46.30	80	44.44	<i>GG vs. AG</i>	0.61	0.90	0.61-1.34
		<i>AA</i>	11	3.54	17	9.44	<i>AG vs. AA</i>	0.01	0.15	0.03-0.67
							<i>GG vs. AA/AG</i>	0.40	0.85	0.59-1.23
							<i>AG/GG vs. AA</i>	0.01	0.33	0.14-0.74
African American		<i>GG</i>	19	23.75	8	18.60	<i>GG vs. AA</i>	0.06	0.22	0.05-1.07
		<i>AG</i>	43	53.75	16	37.21	<i>GG vs. AG</i>	0.93	1.05	0.36-3.08
		<i>AA</i>	18	22.50	19	44.19	<i>AG vs. AA</i>	0.07	0.42	0.17-1.06
							<i>GG vs. AA/AG</i>	0.38	0.67	0.27-1.66
							<i>AG/GG vs. AA</i>	0.01	0.34	0.15-0.79
All samples	<i>rs1042634<sup>b</sup></i>	<i>TT</i>	346	85.22	186	80.17	<i>TT vs. CC</i>	0.44	0.65	0.21-1.98
		<i>CT</i>	47	11.58	38	16.38	<i>TT vs. CT</i>	0.05	0.58	0.34-0.99
		<i>CC</i>	13	3.20	8	3.45	<i>CT vs. CC</i>	0.81	1.20	0.28-5.11
							<i>TT vs. CT/CC</i>	0.04	0.60	0.37-0.97
							<i>CT/TT vs. CC</i>	0.69	0.83	0.32-2.10
European American		<i>TT</i>	287	92.28	159	88.33	<i>TT vs. CC</i>			
		<i>CT</i>	24	7.72	20	11.11	<i>TT vs. CT</i>	0.22	0.67	0.35-1.28
		<i>CC</i>	0	0.00	1	0.56	<i>CT vs. CC</i>			
							<i>TT vs. CT/CC</i>	0.16	0.63	0.33-1.19
							<i>CT/TT vs. CC</i>			
African American		<i>TT</i>	46	57.50	18	41.86	<i>TT vs. CC</i>	0.53	0.68	0.20-2.31
		<i>CT</i>	22	27.50	18	41.86	<i>TT vs. CT</i>	0.06	0.38	0.14-1.04
		<i>CC</i>	12	15.00	7	16.28	<i>CT vs. CC</i>	0.81	1.20	0.28-5.11
							<i>TT vs. CT/CC</i>	0.07	0.48	0.21-1.05
							<i>CT/TT vs. CC</i>	0.80	0.88	0.33-2.37
All samples	<i>rs34087328</i>	<i>TT</i>	401	98.77	230	99.14	<i>TT vs. GT</i>	0.77	1.29	0.22-7.51

		<i>GT</i>	5	1.23	2	0.86				
European American		<i>TT</i>	311	100.00	180	100.00				
African American		<i>TT</i>	76	95.00	41	95.35	<i>TT vs. GT</i>	1.00	1.00	0.16-6.42
		<i>GT</i>	4	5.00	2	4.65				
All samples	<i>rs35277091</i>	<i>II</i>	367	90.39	203	87.50	<i>II vs. DD</i>	0.26	0.25	0.02-2.76
		<i>DI</i>	38	9.36	27	11.64	<i>II vs. DI</i>	0.38	0.79	0.47-1.34
		<i>DD</i>	1	0.25	2	0.86	<i>DI vs. DD</i>	0.31	0.76	0.45-1.21
							<i>II vs. DD/DI</i>	0.26	0.75	0.45-1.25
							<i>DI/II vs. DD</i>	0.26	0.25	0.02-2.76
European American		<i>II</i>	291	93.57	158	87.78	<i>II vs. DD</i>			
		<i>DI</i>	20	6.43	21	11.67	<i>II vs. DI</i>	0.04	0.49	0.25-0.97
		<i>DD</i>	0	0.00	1	0.56	<i>DI vs. DD</i>			
							<i>II vs. DD/DI</i>	0.02	0.47	0.24-0.91
							<i>DI/II vs. DD</i>			
African American		<i>II</i>	64	80.00	36	83.72	<i>II vs. DD</i>	0.62	0.50	0.03-7.99
		<i>DI</i>	15	18.75	6	13.95	<i>II vs. DI</i>	0.47	1.44	0.53-3.89
		<i>DD</i>	1	1.25	1	2.33	<i>DI vs. DD</i>	0.49	1.44	0.51-4.07
							<i>II vs. DD/DI</i>	0.59	1.29	0.51-3.27
							<i>DI/II vs. DD</i>	0.62	0.50	0.03-7.99
All samples	<i>rs9277529<sup>c</sup></i>	<i>CC</i>	182	44.83	98	42.24	<i>CC vs. GG</i>	0.01	0.41	0.21-0.84
		<i>CG</i>	184	45.32	90	38.79	<i>CC vs. CG</i>	0.97	1.01	0.69-1.46
		<i>GG</i>	40	9.85	44	18.97	<i>CG vs. GG</i>	0.003	0.36	0.18-0.71
							<i>CC vs. CG/GG</i>	0.42	0.87	0.63-1.21

						<i>CC/CG vs. GG</i>	0.0004	0.39	0.23-0.66
European American	<i>CC</i>	157	50.48	83	46.11	<i>CC vs. GG</i>	0.04	0.37	0.15-0.94
	<i>CG</i>	141	45.34	75	41.67	<i>CC vs. CG</i>	0.73	0.93	0.63-1.39
	<i>GG</i>	13	4.18	22	12.22	<i>CG vs. GG</i>	0.01	0.19	0.05-0.67
						<i>CC vs. CG/GG</i>	0.37	0.85	0.59-1.22
						<i>CC/CG vs. GG</i>	0.002	0.29	0.14-0.63
African American	<i>CC</i>	20	25.00	9	20.93	<i>CC vs. GG</i>	0.11	0.38	0.12-1.23
	<i>CG</i>	36	45.00	12	27.91	<i>CC vs. CG</i>	0.84	1.14	0.34-3.78
	<i>GG</i>	24	30.00	22	51.16	<i>CG vs. GG</i>	0.06	0.42	0.17-1.05
						<i>CC vs. CG/GG</i>	0.49	0.74	0.31-1.74
						<i>CC/CG vs. GG</i>	0.02	0.41	0.19-0.88
All samples <i>rs934</i>	<i>AA</i>	213	52.46	117	50.43	<i>AA vs. GG</i>	0.04	0.49	0.24-0.98
	<i>AG</i>	162	39.90	82	35.34	<i>AA vs. AG</i>	0.97	1.01	0.69-1.46
	<i>GG</i>	31	7.64	33	14.22	<i>AG vs. GG</i>	0.01	0.34	0.15-0.75
						<i>AA vs. AG/GG</i>	0.52	0.90	0.64-1.25
						<i>AA/AG vs. GG</i>	0.003	0.44	0.25-0.76
European American	<i>AA</i>	175	56.27	99	55.00	<i>AA vs. GG</i>	0.13	0.48	0.18-1.25
	<i>AG</i>	125	40.19	65	36.11	<i>AA vs. AG</i>	0.81	1.05	0.70-1.58
	<i>GG</i>	11	3.54	16	8.89	<i>AG vs. GG</i>	0.02	0.17	0.04-0.79
						<i>AA vs. AG/GG</i>	0.87	0.97	0.67-1.41
						<i>AA/AG vs. GG</i>	0.01	0.35	0.15-0.80
African American	<i>AA</i>	30	37.50	12	27.91	<i>AA vs. GG</i>	0.11	0.42	0.14-1.21
	<i>AG</i>	33	41.25	14	32.56	<i>AA vs. AG</i>	0.53	0.71	0.24-2.08
	<i>GG</i>	17	21.25	17	39.53	<i>AG vs. GG</i>	0.06	0.36	0.12-1.04

							<i>AA vs. AG/GG</i>	0.21	0.61	0.28-1.33
							<i>AA/AG vs. GG</i>	0.03	0.41	0.18-0.92
All samples	<i>rs9277534<sup>d</sup></i> (496A/G)	<i>AA</i>	182	44.83	98	42.24	<i>AA vs. GG</i>	0.01	0.39	0.19-0.79
		<i>AG</i>	184	45.32	88	37.93	<i>AA vs. AG</i>	0.87	1.03	0.71-1.50
		<i>GG</i>	40	9.85	46	19.83	<i>AG vs. GG</i>	0.002	0.34	0.17-0.68
								<i>AA vs. AG/GG</i>	0.42	0.87
							<i>AA/AG vs. GG</i>	0.0001	0.37	0.22-0.62
European American		<i>AA</i>	157	50.48	83	46.11	<i>AA vs. GG</i>	0.02	0.34	0.14-0.85
		<i>AG</i>	141	45.34	73	40.56	<i>AA vs. AG</i>	0.84	0.96	0.64-1.43
		<i>GG</i>	13	4.18	24	13.33	<i>AG vs. GG</i>	0.01	0.17	0.05-0.60
							<i>AA vs. AG/GG</i>	0.37	0.85	0.59-1.22
							<i>AA/AG vs. GG</i>	0.0005	0.26	0.12-0.56
African American		<i>AA</i>	20	25.00	9	20.93	<i>AA vs. GG</i>	0.11	0.38	0.12-1.23
		<i>AG</i>	36	45.00	12	27.91	<i>AA vs. AG</i>	0.84	1.14	0.34-3.78
		<i>GG</i>	24	30.00	22	51.16	<i>AG vs. GG</i>	0.06	0.42	0.17-1.05
							<i>AA vs. AG/GG</i>	0.49	0.74	0.31-1.74
							<i>AA/AG vs. GG</i>	0.02	0.41	0.19-0.88
All samples	<i>rs9277535</i> (550A/G)	<i>AA</i>	233	57.39	130	56.03	<i>AA vs. GG</i>	0.11	0.51	0.23-1.16
		<i>AG</i>	159	39.16	84	36.21	<i>AA vs. AG</i>	0.75	1.06	0.75-1.49
		<i>GG</i>	14	3.45	18	7.76	<i>AG vs. GG</i>	0.05	0.12	0.01-1.02
								<i>AA vs. AG/GG</i>	0.75	0.95
							<i>AA/AG vs. GG</i>	0.01	0.39	0.19-0.83
European American		<i>AA</i>	177	56.91	99	55.00	<i>AA vs. GG</i>	0.10	0.44	0.17-1.18
		<i>AG</i>	125	40.19	66	36.67	<i>AA vs. AG</i>	0.82	1.04	0.71-1.53
		<i>GG</i>	9	2.89	15	8.33	<i>AG vs. GG</i>	0.01	0.31	0.13-0.75

						<i>AA vs. AG/GG</i>	0.72	0.94	0.66-1.34
						<i>AA/AG vs. GG</i>	0.01	0.29	0.11-0.72
African									
American	<i>AA</i>	49	61.25	25	58.14	<i>AA vs. GG</i>	0.40	0.50	0.10-2.48
	<i>AG</i>	28	35.00	15	34.88	<i>AA vs. AG</i>	1.00	1.00	0.41-2.45
	<i>GG</i>	3	3.75	3	6.98	<i>AG vs. GG</i>	0.25	0.32	0.05-2.19
						<i>AA vs. AG/GG</i>	0.69	0.85	0.39-1.87
						<i>AA/AG vs. GG</i>	0.40	0.50	0.10-2.48

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SNPs in complete LD with other SNPs listed above in the 3'UTR region

<sup>a</sup> *rs1126719, rs1126723, rs1042448, rs9277523, rs1042467, rs1042488, rs1042497, rs1042502, rs1042508, rs1042511, rs1042516, rs1042544, rs931, rs928, rs935, rs932*

<sup>b</sup> *rs6760*

<sup>c</sup> *rs929, rs930, rs9277532*

<sup>d</sup> *rs9277530, rs9277531, rs9277533, rs9277536*