

Supplementary Table S3. Linear regression analysis of *HLA* alleles for the age at onset of RA.

<i>HLA</i> allele	PRC	95%CI	<i>P</i>	<i>P_c</i>
<i>B*07:02</i>	0.95	(-1.41~3.31)	0.4294	NS
<i>B*08:01</i>	-19.03	(-46.72~8.66)	0.1777	NS
<i>B*13:01</i>	-1.80	(-7.19~3.60)	0.5131	NS
<i>B*13:02</i>	2.49	(-11.38~16.37)	0.7244	NS
<i>B*15:01</i>	0.11	(-2.16~2.38)	0.9234	NS
<i>B*15:07</i>	11.41	(2.16~20.65)	0.0156	0.5937
<i>B*15:11</i>	-1.89	(-8.13~4.35)	0.5521	NS
<i>B*15:18</i>	-2.43	(-5.81~0.96)	0.1601	NS
<i>B*15:27</i>	-8.03	(-27.63~11.57)	0.4216	NS
<i>B*15:28</i>	7.99	(-19.71~35.70)	0.5715	NS
<i>B*15:46</i>	3.99	(-23.72~31.70)	0.7777	NS
<i>B*27:04</i>	17.52	(-2.06~37.09)	0.0794	NS
<i>B*27:05</i>	22.00	(-5.68~49.68)	0.1191	NS
<i>B*35:01</i>	-1.79	(-4.20~0.61)	0.1439	NS
<i>B*37:01</i>	4.86	(-1.38~11.09)	0.1266	NS
<i>B*38:02</i>	-6.16	(-15.97~3.64)	0.2179	NS
<i>B*39:01</i>	-0.02	(-3.13~3.10)	0.9923	NS
<i>B*39:02</i>	3.96	(-3.48~11.41)	0.2966	NS
<i>B*39:04</i>	1.24	(-12.63~15.11)	0.8609	NS
<i>B*39:23</i>	-0.02	(-27.72~27.69)	0.9992	NS
<i>B*40:01</i>	0.05	(-2.52~2.62)	0.9676	NS
<i>B*40:02</i>	-1.88	(-3.91~0.15)	0.0701	NS
<i>B*40:03</i>	6.17	(-4.33~16.66)	0.2493	NS
<i>B*40:06</i>	1.59	(-1.06~4.23)	0.2404	NS
<i>B*44:02</i>	-1.02	(-17.03~14.99)	0.9008	NS
<i>B*44:03</i>	3.02	(0.35~5.69)	0.0265	NS
<i>B*46:01</i>	-0.98	(-4.09~2.12)	0.5345	NS
<i>B*48:01</i>	-1.52	(-4.82~1.79)	0.3690	NS
<i>B*51:01</i>	1.08	(-1.07~3.23)	0.3237	NS
<i>B*52:01</i>	0.47	(-1.54~2.47)	0.6490	NS
<i>B*54:01</i>	-1.17	(-3.13~0.78)	0.2376	NS
<i>B*55:02</i>	2.21	(-1.12~5.54)	0.1927	NS
<i>B*55:04</i>	-5.24	(-17.65~7.17)	0.4078	NS
<i>B*56:01</i>	-4.33	(-12.72~4.06)	0.3114	NS
<i>B*56:03</i>	-5.52	(-25.12~14.07)	0.5803	NS
<i>B*58:01</i>	0.99	(-8.84~10.82)	0.8430	NS
<i>B*59:01</i>	-2.54	(-5.43~0.34)	0.0843	NS
<i>B*67:01</i>	9.69	(3.61~15.76)	0.0018	0.0683
<i>DRB1*01:01</i>	2.44	(0.21~4.67)	0.0317	0.9205
<i>DRB1*03:01</i>	-26.56	(-46.10~-7.02)	0.0078	0.2251
<i>DRB1*04:01</i>	-0.56	(-3.66~2.53)	0.7203	NS
<i>DRB1*04:03</i>	3.39	(-1.64~8.42)	0.1865	NS
<i>DRB1*04:04</i>	-7.54	(-21.41~6.32)	0.2861	NS
<i>DRB1*04:05</i>	-1.90	(-3.29~-0.51)	0.0074	0.2151
<i>DRB1*04:06</i>	-4.83	(-8.82~-0.83)	0.0179	0.5202
<i>DRB1*04:07</i>	-2.69	(-18.70~13.32)	0.7418	NS
<i>DRB1*04:10</i>	0.07	(-3.90~4.04)	0.9738	NS
<i>DRB1*07:01</i>	1.49	(-9.84~12.83)	0.7962	NS
<i>DRB1*08:02</i>	-3.41	(-7.81~0.99)	0.1292	NS
<i>DRB1*08:03</i>	-0.09	(-2.66~2.48)	0.9441	NS
<i>DRB1*08:23</i>	5.99	(-21.72~33.70)	0.6715	NS
<i>DRB1*09:01</i>	-0.42	(-1.99~1.15)	0.6006	NS
<i>DRB1*10:01</i>	3.70	(-2.12~9.52)	0.2124	NS
<i>DRB1*11:01</i>	1.61	(-3.15~6.36)	0.5076	NS
<i>DRB1*12:01</i>	0.52	(-2.81~3.84)	0.7601	NS
<i>DRB1*12:02</i>	-0.60	(-5.10~3.91)	0.7950	NS
<i>DRB1*13:01</i>	-4.02	(-23.62~15.58)	0.6873	NS
<i>DRB1*13:02</i>	3.59	(0.62~6.55)	0.0177	0.5138
<i>DRB1*14:02</i>	1.99	(-17.61~21.59)	0.8423	NS
<i>DRB1*14:03</i>	-1.17	(-7.14~4.79)	0.6993	NS
<i>DRB1*14:05</i>	4.60	(-1.23~10.43)	0.1218	NS
<i>DRB1*14:06</i>	1.92	(-2.39~6.22)	0.3821	NS
<i>DRB1*14:07</i>	-19.03	(-46.72~8.66)	0.1777	NS
<i>DRB1*14:54</i>	0.04	(-3.61~3.68)	0.9845	NS
<i>DRB1*15:01</i>	0.18	(-2.15~2.50)	0.8825	NS
<i>DRB1*15:02</i>	1.01	(-1.10~3.12)	0.3487	NS
<i>DRB1*16:02</i>	6.67	(-0.52~13.86)	0.0688	NS
<i>DQB1*02:01</i>	-5.55	(-15.38~4.27)	0.2674	NS
<i>DQB1*03:01</i>	0.34	(-1.48~2.16)	0.7128	NS
<i>DQB1*03:02</i>	-0.86	(-3.51~1.79)	0.5246	NS
<i>DQB1*03:03</i>	-0.17	(-1.72~1.38)	0.8304	NS
<i>DQB1*03:06</i>	-14.39	(-30.38~1.60)	0.0778	NS
<i>DQB1*04:01</i>	-2.36	(-3.70~-1.03)	0.0005	0.0079
<i>DQB1*04:02</i>	-1.70	(-5.18~1.79)	0.3397	NS
<i>DQB1*05:01</i>	2.48	(0.45~4.50)	0.0168	0.2520
<i>DQB1*05:02</i>	0.28	(-3.48~4.04)	0.8841	NS
<i>DQB1*05:03</i>	2.94	(-1.22~7.10)	0.1652	NS
<i>DQB1*06:01</i>	1.11	(-0.56~2.77)	0.1937	NS
<i>DQB1*06:02</i>	0.62	(-1.71~2.96)	0.5997	NS
<i>DQB1*06:03</i>	-4.02	(-23.62~15.58)	0.6873	NS
<i>DQB1*06:04</i>	3.16	(0.12~6.19)	0.0416	0.6236
<i>DQB1*06:09</i>	4.81	(-7.60~17.22)	0.4475	NS
<i>DPB1*01:01</i>	-17.03	(-44.72~10.66)	0.2278	NS
<i>DPB1*02:01</i>	-1.75	(-3.05~-0.45)	0.0085	0.1357
<i>DPB1*02:02</i>	2.38	(-0.59~5.36)	0.1167	NS
<i>DPB1*03:01</i>	2.63	(-0.42~5.68)	0.0905	NS
<i>DPB1*04:01</i>	3.15	(0.02~6.28)	0.0486	0.7781
<i>DPB1*04:02</i>	-0.05	(-1.87~1.78)	0.9588	NS
<i>DPB1*05:01</i>	-0.34	(-1.56~0.88)	0.5834	NS
<i>DPB1*06:01</i>	-4.86	(-13.65~3.94)	0.2786	NS
<i>DPB1*09:01</i>	1.43	(-0.84~3.71)	0.2162	NS
<i>DPB1*13:01</i>	4.08	(-1.41~9.57)	0.1452	NS
<i>DPB1*14:01</i>	0.73	(-3.79~5.24)	0.7517	NS
<i>DPB1*17:01</i>	5.50	(-8.37~19.37)	0.4363	NS
<i>DPB1*19:01</i>	-4.25	(-13.05~4.54)	0.3429	NS
<i>DPB1*38:01</i>	-0.35	(-11.69~10.99)	0.9517	NS
<i>DPB1*41:01</i>	4.34	(-6.99~15.68)	0.4525	NS
<i>DPB1*47:01</i>	-1.02	(-17.03~14.99)	0.9008	NS

RA: rheumatoid arthritis, PRC: partial regression coefficient, CI: confidence interval. Association for age at onset of RA was tested by linear regression analysis.