

Supplementary Table S1. *HLA-DRB1* allele carrier frequency in the AIH patients and the 413 healthy controls.

	Case (n=360)	Control (n=413)	<i>P</i>	OR	<i>P_c</i>	95%CI
<i>DRB1*01:01</i>	26 (7.2)	42 (10.2)	0.1627	0.69	NS	(0.41–1.15)
<i>DRB1*03:01</i>	1 (0.3)	2 (0.5)	1.0000	0.57	NS	(0.05–6.34)
<i>DRB1*04:01</i>	22 (6.1)	7 (1.7)	0.0019	3.78	0.0544	(1.59–8.95)
<i>DRB1*04:03</i>	15 (4.2)	19 (4.6)	0.8611	0.90	NS	(0.45–1.80)
<i>DRB1*04:05</i>	185 (51.4)	87 (21.1)	9.26X10 ⁻¹⁹	3.96	2.69X10 ⁻¹⁷	(2.89–5.42)
<i>DRB1*04:06</i>	15 (4.2)	34 (8.2)	0.0257	0.48	0.7460	(0.26–0.91)
<i>DRB1*04:07</i>	5 (1.4)	3 (0.7)	0.4831	1.92	NS	(0.46–8.11)
<i>DRB1*04:10</i>	12 (3.3)	14 (3.4)	1.0000	0.98	NS	(0.45–2.15)
<i>DRB1*07:01</i>	2 (0.6)	3 (0.7)	1.0000	0.76	NS	(0.13–4.60)
<i>DRB1*08:02</i>	35 (9.7)	38 (9.2)	0.8067	1.06	NS	(0.66–1.72)
<i>DRB1*08:03</i>	58 (16.1)	61 (14.8)	0.6187	1.11	NS	(0.75–1.64)
<i>DRB1*08:09</i>	0 (0.0)	1 (0.2)	1.0000	0.38	NS	(0.02–9.39)
<i>DRB1*09:01</i>	77 (21.4)	105 (25.4)	0.2028	0.80	NS	(0.57–1.12)
<i>DRB1*10:01</i>	5 (1.4)	2 (0.5)	0.2604	2.89	NS	(0.56–15.01)
<i>DRB1*11:01</i>	8 (2.2)	22 (5.3)	0.0384	0.40	NS	(0.18–0.92)
<i>DRB1*12:01</i>	25 (6.9)	29 (7.0)	1.0000	0.99	NS	(0.57–1.72)
<i>DRB1*12:02</i>	11 (3.1)	10 (2.4)	0.6603	1.27	NS	(0.53–3.03)
<i>DRB1*13:01</i>	2 (0.6)	5 (1.2)	0.4587	0.46	NS	(0.09–2.36)
<i>DRB1*13:02</i>	30 (8.3)	57 (13.8)	0.0168	0.57	0.4870	(0.36–0.91)
<i>DRB1*14:02</i>	1 (0.3)	0 (0.0)	0.4657	3.45	NS	(0.14–84.97)
<i>DRB1*14:03</i>	5 (1.4)	21 (5.1)	0.0046	0.26	0.1326	(0.10–0.70)
<i>DRB1*14:04</i>	0 (0.0)	1 (0.2)	1.0000	0.38	NS	(0.02–9.39)
<i>DRB1*14:05</i>	13 (3.6)	14 (3.4)	1.0000	1.07	NS	(0.50–2.30)
<i>DRB1*14:06</i>	5 (1.4)	16 (3.9)	0.0444	0.35	NS	(0.13–0.96)
<i>DRB1*14:07</i>	1 (0.3)	1 (0.2)	1.0000	1.15	NS	(0.07–18.42)
<i>DRB1*14:54</i>	20 (5.6)	28 (6.8)	0.5511	0.81	NS	(0.45–1.46)
<i>DRB1*15:01</i>	41 (11.4)	68 (16.5)	0.0489	0.65	NS	(0.43–0.99)
<i>DRB1*15:02</i>	62 (17.2)	89 (21.5)	0.1457	0.76	NS	(0.53–1.09)
<i>DRB1*16:02</i>	5 (1.4)	5 (1.2)	1.0000	1.15	NS	(0.33–4.00)
DR4	248 (68.9)	150 (36.3)	9.91X10 ⁻²⁰	3.88		(2.88–5.24)
DR6 (*13, *14)	67 (18.6)	137 (33.2)	4.37X10 ⁻⁶	0.46		(0.33–0.64)
DR8	91 (25.3)	95 (23.0)	0.5000	1.13		(0.81–1.58)

AIH: autoimmune hepatitis, OR: odds ratio, CI: confidence interval, *P_c*: corrected P value, NS: not significant. Allele carrier frequencies are shown in parenthesis (%). Association was tested by Fisher's exact test using 2x2 contingency tables under the dominant model.