

Table S1. *HLA-DRB1* allele carrier frequency in the AOSD patients and age-matched healthy controls (1:2)

	Case (n=69)	Control (n=138)	<i>P</i>	OR	<i>P_c</i>	95%CI
<i>DRB1*01:01</i>	6 (8.7)	19 (13.8)	0.3686	0.60	NS	(0.23-1.57)
<i>DRB1*04:01</i>	0 (0.0)	4 (2.9)	0.3036	0.22	NS	(0.01-4.05)
<i>DRB1*04:03</i>	4 (5.8)	4 (2.9)	0.4450	2.06	NS	(0.50-8.51)
<i>DRB1*04:05</i>	12 (17.4)	38 (27.5)	0.1231	0.55	NS	(0.27-1.15)
<i>DRB1*04:06</i>	2 (2.9)	12 (8.7)	0.1486	0.31	NS	(0.07-1.44)
<i>DRB1*04:07</i>	0 (0.0)	2 (1.4)	0.5534	0.39	NS	(0.02-8.30)
<i>DRB1*04:10</i>	2 (2.9)	6 (4.3)	0.7215	0.66	NS	(0.13-3.34)
<i>DRB1*07:01</i>	0 (0.0)	3 (2.2)	0.5523	0.28	NS	(0.01-5.47)
<i>DRB1*08:02</i>	8 (11.6)	8 (5.8)	0.1697	2.13	NS	(0.76-5.95)
<i>DRB1*08:03</i>	13 (18.8)	20 (14.5)	0.4268	1.37	NS	(0.64-2.95)
<i>DRB1*09:01</i>	7 (10.1)	31 (22.5)	0.0360	0.39	0.8291	(0.16-0.94)
<i>DRB1*11:01</i>	4 (5.8)	5 (3.6)	0.4850	1.64	NS	(0.43-6.30)
<i>DRB1*12:01</i>	13 (18.8)	8 (5.8)	0.0060	3.77	0.1388	(1.48-9.61)
<i>DRB1*12:02</i>	6 (8.7)	4 (2.9)	0.0870	3.19	NS	(0.87-11.71)
<i>DRB1*13:02</i>	5 (7.2)	19 (13.8)	0.2488	0.49	NS	(0.17-1.37)
<i>DRB1*14:03</i>	5 (7.2)	5 (3.6)	0.3063	2.08	NS	(0.58-7.44)
<i>DRB1*14:05</i>	4 (5.8)	6 (4.3)	0.7340	1.35	NS	(0.37-4.97)
<i>DRB1*14:06</i>	1 (1.4)	5 (3.6)	0.6659	0.39	NS	(0.04-3.42)
<i>DRB1*14:07</i>	0 (0.0)	1 (0.7)	1.0000	0.66	NS	(0.03-16.40)
<i>DRB1*14:54</i>	5 (7.2)	11 (8.0)	1.0000	0.90	NS	(0.30-2.71)
<i>DRB1*15:01</i>	26 (37.7)	18 (13.0)	0.0001	4.03	0.0025	(2.01-8.07)
<i>DRB1*15:02</i>	11 (15.9)	37 (26.8)	0.1151	0.52	NS	(0.25-1.09)
<i>DRB1*16:02</i>	0 (0.0)	1 (0.7)	1.0000	0.66	NS	(0.03-16.40)
<i>DR5(*11, *12)</i>	21 (30.4)	17 (12.3)	0.0022	3.11		(1.51-6.41)

Allele carrier frequencies are shown in parenthesis (%). Association was tested by Fisher's exact test using 2x2 contingency tables under the dominant model. AOSD: adult onset still disease, OR: odds ratio, CI: confidence interval, *P_c*: corrected P value, NS: not significant. Mean age \pm SD of AOSD patients and healthy controls were 46.8 ± 15.9 and 46.2 ± 15.4 years, respectively.