

Table S2. Conditional logistic regression analysis between the protective HLA alleles in AOSD

HLA allele	Unconditioned		Conditioned on gender		Conditioned on age		Conditioned on <i>DRB1*09:01</i>		Conditioned on <i>DRB1*15:01</i>		Conditioned on DR5	
	<i>P</i>	OR (95%CI)	<i>P</i> _{adjusted}	OR _{adjusted} (95%CI)	<i>P</i> _{adjusted}	OR _{adjusted} (95%CI)	<i>P</i> _{adjusted}	OR _{adjusted} (95%CI)	<i>P</i> _{adjusted}	OR _{adjusted} (95%CI)	<i>P</i> _{adjusted}	OR _{adjusted} (95%CI)
<i>DRB1*09:01</i>	0.0010	0.35 (0.19–0.65)	0.0013	0.36 (0.20–0.67)	0.0020	0.32 (0.16–0.66)	NA	NA	0.0031	0.39 (0.21–0.73)	0.0030	0.39 (0.21–0.73)
<i>DRB1*15:01</i>	0.0001	2.35 (1.55–3.55)	0.0001	2.36 (1.56–3.58)	2.17X10 ⁻⁵	2.88 (1.77–4.68)	0.0004	2.11 (1.39–3.20)	NA	NA	1.35X10 ⁻⁵	2.55 (1.67–3.88)
DR5	2.28X10 ⁻⁵	2.39 (1.60–3.58)	2.31X10 ⁻⁵	2.41 (1.60–3.61)	2.20X10 ⁻⁵	2.93 (1.78–4.82)	0.0002	2.17 (1.44–3.26)	6.07X10 ⁻⁶	2.58 (1.71–3.90)	NA	NA

AOSD: adult onset still's disease, OR: odds ratio, CI: confidence interval, NA not applicable. *P*, OR, 95%CI, *P*_{adjusted}, OR_{adjusted} were calculated by logistic regression analysis under the additive model.