Table S6. Sex-differences in association signal and heterogeneity in WTCCC diseases

		association				heterogeneity	
	prev	Autosomes$^\$$		HLA$^\$$		Autosomes$^{\wedge\$}$	HLA$^{\wedge\$}$
Disease	M:F	M *P*	F *P*	M *P*	F *P*	*P*	*P*
AS	2:1	NS	0.08#	<0.001#	0.08#	NS	NS
BD	1:1	NS	NS	-	-	NS	-
CAD	1:1	NS	NS	-	-	NS	-
CD	1:1	NS	NS	NS	0.07#	0.09#	NS
HT	1:1	NS	NS	-	-	NS	-
MS	1:3	NS	NS	NS	NS	NS	<0.001#
RA	1:2	NS	NS	NS	0.08#	NS	NS
T1D	3:2	NS	NS	NS	0.07#	NS	NS
T2D	1:1	NS	NS	-	-	NS	-

Abbreviations: prev ratio in prevalence
$ Empirical p-value estimation based on 100 permutations
^ Cochran test for heterogeneity
# Empirical P ≤ 0.1 were replaced with empirical p-values estimated with 1,000 permutations