

Table S1. Relationship of *H.pylori* infection and SNPs in the control group

Genotype	<i>H.pylori</i> ⁺ (N=485)	<i>H.pylori</i> ⁻ (N=504)	OR(95%CI) ^a	P value
Rs213210				
T/T	123(25.4%)	106(21.0%)	1	
C/T	258(53.2%)	261(51.8%)	0.835(0.625-1.165)	0.318
C/C	104(21.4%)	137(27.2%)	0.660(0.458-0.950)	0.025
Rs2505901				
T/T	20(4.1%)	20(4.0%)	1	
C/T	159(32.7%)	154(30.7%)	1.016(0.525-1.964)	0.963
C/C	307(63.2%)	328(65.3%)	0.920(0.485-1.746)	0.800
Rs4938723				
T/T	49(10.1%)	35(6.9%)	1	
C/T	214(44.0%)	216(42.9%)	0.714(0.445-1.147)	0.163
C/C	223(45.9%)	253(50.2%)	0.629(0.393-1.007)	0.054
Rs11134527				
A/A	198(40.7%)	196(38.8%)	1	
A/G	211(43.4%)	228(45.1%)	0.917(0.698-1.204)	0.534
G/G	77(15.8%)	81(16.0%)	0.948(0.655-1.372)	0.778

^aORs were calculated adjusting for age and sex in logistic regression model.

