Supplementary Table 3. Association between different genotypes and asthma

Genes (SNP)	Cases n (%)	Control n (%)	OR (95% CI)	Adjusted OR (95% CI)†	*P* value
GSTM1 (n=453)	126	327			0.11
Present	68 (54.0)	203 (62.1)	0.72 (0.47-1.09)	0.77 (0.47-1.25)	
Null	58 (46.0)	124 (37.9)	1	1	
GSTP1 (rs1695) (n=452)	126	326			0.05*
AA	87 (69.0)	205 (62.9)	2.61 (1.13-6.02)*	3.00 (1.23-7.33)*	
AG	32 (25.4)	78 (23.9)	2.52 (1.03-6.19)*	2.93 (1.13-7.59)*	
GG§	7 (5.6)	43 (13.2)	1	1	
SOD2 (rs5746136) (n=453)	126	327			0.001*
TT	30 (23.8)	45 (13.8)	2.70 (1.50-4.87)*	2.78 (1.54-5.02)*	
TC	60 (47.6)	136 (41.6)	1.80 (1.12-2.90)*	1.79 (1.12-2.89)*	
CC‡	36 (28.6)	146 (44.6)	1	1	
SOD2 (rs4880) (n=451)	126	325			0.23
GG	5 (4.0)	22 (6.8)	0.55 (0.20-1.50)	0.72 (0.19-2.66)	
AG	28 (22.2)	78 (24.0)	0.88 (0.54-1.44)	0.71 (0.38-1.32)	
AA‡	93 (73.8)	225 (69.2)	1	1	
CAT (rs769218) (n=450)	126	324			0.21
AA	22 (17.5)	73 (22.5)	0.68 (0.37-1.24)	0.97 (0.47-1.98)	
AG	61 (48.4)	154 (47.5)	0.90 (0.56-1.43)	1.06 (0.59-1.89)	
GG‡	43 (34.1)	97 (29.9)	1	1	
MPO (rs2071409) (n=446)	125	321			0.96
GG	6 (4.8)	11 (3.4)	1.37 (0.49-3.80)	0.71 (0.14-3.54)	
GT	20 (16.0)	61 (19.0)	0.82 (0.47-1.43)	0.61 (0.29-1.27)	
TT‡	99 (79.2)	249 (77.6)	1	1	
EPHX1 (rs1051740) (n=453)	126	327			0.32
CC	23 (18.3)	79 (24.2)	0.71 (0.39-1.29)	0.54 (0.26-1.13)	
TC	64 (50.8)	152 (46.5)	1.03 (0.64-1.65)	0.82 (0.45-1.47)	
TT‡	39 (31.0)	96 (29.4)	1	1	
EPHX1 (rs2740171) (n=445)	126	319			0.17
AA	15 (11.9)	19 (6.0)	2.07 (1.01-4.25)*	2.07 (1.00-4.24)*	
AC	18 (14.3)	56 (17.6)	0.84 (0.47-1.51)	0.84 (0.47-1.51)	
CC‡	93 (73.8)	244 (76.5)	1	1	

OR, odds ratio; CI, confidence interval.

*$P < 0.05$; †Adjusted for urine creatinine, maternal age, maternal education, maternal history of atopy, breast feeding, and ETS exposure; ‡'AA', 'Aa', 'aa' represent a given variant for each SNP genotyped. Major alleles (AA) as reference group under an additive model (AA vs Aa vs aa); §For GSTP1 (rs1695), minor alleles (aa) as reference group under a recessive model.