S5 Table. Polymorphisms associated with gastric cancer susceptibility with p-value $<5\times10^{-5}$ in discovery phase and results of the validation phase and meta-analysis in male

Character				Phase I (GWAS phase)					Phase II (Validation phase)					Meta-analysis	
SNP	CHR	BP	MA	No.	MAF in cases	MAF in controls	Odds ratio	p-value	No.	MAF in cases	MAF in controls	Odds ratio	p-value	Odds ratio	p-value
rs138056339	6	348125	A	805	0.02	0.06	0.2 (0.1-0.4)	4.68E-06							
rs6936644	6	28285175	T	835	0.54	0.42	1.57 (1.29-1.92)	9.60E-06	2,177	0.49	0.47	1.07 (0.93-1.24)	0.3367	1.22 (1.09-1.37)	0.0008
rs9468334	6	28272948	C	824	0.54	0.43	1.58 (1.29-1.94)	9.83E-06	2,178	0.49	0.48	1.07 (0.93-1.24)	0.3448	1.22 (1.08-1.37)	0.0009
rs200585917	16	49670325	A	836	0.02	0.06	0.21 (0.11-0.42)	1.05E-05							
rs150166147	1	55337163	A	811	0.02	0.06	0.21 (0.11-0.42)	1.09E-05							
rs117229601	9	1.35E+08	C	836	0.01	0.05	0.17 (0.07-0.37)	1.21E-05							
rs137966407	6	1.42E+08	A	802	0.02	0.06	0.22 (0.11-0.43)	1.50E-05							
rs7002225	8	1.28E+08	G	836	0.45	0.35	1.56 (1.27-1.91)	1.66E-05							
rs1256531	14	65747759	G	836	0.26	0.17	1.72 (1.34-2.2)	1.86E-05							
rs201553091	5	1.41E+08	A	792	0.02	0.06	0.2 (0.1-0.43)	2.12E-05							
rs146873655	17	11622752	A	836	0.02	0.06	0.22 (0.11-0.45)	2.17E-05							
rs149827217	1	1.61E+08	T	836	0.02	0.06	0.23 (0.11-0.45)	2.58E-05							
rs7215433	17	48489042	C	835	0.20	0.29	0.59 (0.46-0.75)	2.80E-05	2,176	0.23	0.24	0.96 (0.82-1.14)	0.6649	0.83 (0.73-0.95)	0.0081
rs12000	6	28227436	G	836	0.53	0.42	1.53 (1.26-1.87)	2.83E-05	2,176	0.48	0.47	1.05 (0.91-1.21)	0.4977	1.19 (1.06-1.34)	0.0030
rs7218110	17	48493120	C	832	0.20	0.29	0.59 (0.46-0.75)	3.01E-05	2,146	0.22	0.24	0.92 (0.78-1.08)	0.3068	0.8 (0.7-0.92)	0.0016
rs141765602	16	814677	A	836	0.02	0.06	0.23 (0.12-0.46)	3.05E-05							
rs9891288	17	48493888	G	828	0.20	0.29	0.59 (0.46-0.75)	3.06E-05	2,138	0.22	0.24	0.92 (0.77-1.08)	0.3059	0.8 (0.69-0.92)	0.0015
rs9891511	17	48493954	G	828	0.20	0.29	0.59 (0.46-0.75)	3.06E-05	2,138	0.22	0.24	0.92 (0.77-1.08)	0.3059	0.8 (0.69-0.92)	0.0015
rs11079914	17	48477246	G	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,176	0.23	0.24	0.96 (0.82-1.14)	0.6639	0.83 (0.73-0.95)	0.0085
rs1468317	17	48462239	C	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,176	0.23	0.24	0.97 (0.82-1.14)	0.6809	0.83 (0.73-0.96)	0.0091
rs2107572	17	48480802	T	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,177	0.23	0.24	0.96 (0.82-1.13)	0.6572	0.83 (0.73-0.95)	0.0083
rs2412315	17	48480097	G	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,176	0.23	0.24	0.96 (0.82-1.14)	0.6639	0.83 (0.73-0.95)	0.0085
rs2412318	17	48488114	A	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,176	0.23	0.24	0.96 (0.82-1.13)	0.6509	0.83 (0.73-0.95)	0.0081
rs3760407	17	48472270	T	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,177	0.23	0.24	0.97 (0.82-1.14)	0.6885	0.83 (0.73-0.96)	0.0093
rs3760413	17	48452776	C	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,173	0.23	0.24	0.97 (0.82-1.14)	0.7174	0.84 (0.73-0.96)	0.0102
rs4793653	17	48473551	T	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,177	0.23	0.24	0.97 (0.82-1.14)	0.6885	0.83 (0.73-0.96)	0.0093
rs6504652	17	48487622	C	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,176	0.23	0.24	0.96 (0.82-1.13)	0.6509	0.83 (0.73-0.95)	0.0081
rs7216828	17	48490416	T	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,177	0.23	0.24	0.96 (0.82-1.13)	0.6441	0.83 (0.73-0.95)	0.0079
rs7217960	17	48485147	G	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,176	0.23	0.24	0.96 (0.82-1.13)	0.6509	0.83 (0.73-0.95)	0.0081
rs917027	17	48470462	C	836	0.20	0.29	0.59 (0.46-0.76)	3.19E-05	2,179	0.23	0.24	0.96 (0.82-1.13)	0.6456	0.83 (0.73-0.95)	0.0081

rs74396937	11	51515640	G	836	0.08	0.14	0.49 (0.35-0.69)	3.65E-05	2,178	0.25	0.26	0.92 (0.79-1.08)	0.3150	0.82 (0.71-0.95)	0.0079
rs141506774	12	1.23E+08	A	836	0.02	0.06	0.24 (0.12-0.47)	3.97E-05							
rs138505292	17	71334907	T	836	0.02	0.06	0.24 (0.12-0.47)	4.04E-05							
rs3803800	17	7462969	A	836	0.41	0.31	1.55 (1.26-1.91)	4.17E-05							
rs9303556	17	48448698	G	833	0.20	0.29	0.59 (0.46-0.76)	4.60E-05	2,170	0.23	0.24	0.97 (0.82-1.14)	0.7193	0.84 (0.73-0.96)	0.0116
rs146795873	7	1.01E+08	G	798	0.02	0.06	0.24 (0.12-0.47)	4.98E-05							

MA, minor allele; MAF, minor allele frequency.