

S4 Table. Polymorphisms associated with gastric cancer susceptibility with p-value of $<5 \times 10^{-5}$ in discovery phase and results of the validation phase and meta-analysis

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
rs2976394	8	143763622	C	1567	0.40	0.52	0.62 (0.52-0.73)	1.07E-08	4474	0.43	0.50	0.75 (0.67-0.84)	5.09E-07	0.7 (0.64-0.77)	1.66E-13
rs10216533	8	143763690	G	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs1045547	8	143763757	T	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs1045605	8	143764101	C	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs2294010	8	143762430	A	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs2920296	8	143763109	A	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs2920297	8	143763083	A	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs2920298	8	143763043	A	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs2976392	8	143762932	G	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs2976393	8	143763618	C	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs2976395	8	143763750	G	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs2976396	8	143764001	G	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4492	0.43	0.50	0.75 (0.67-0.84)	8.75E-07	0.71 (0.64-0.78)	3.38E-13
rs2978982	8	143763490	T	1583	0.40	0.52	0.62 (0.53-0.73)	1.22E-08	4489	0.43	0.50	0.75 (0.67-0.84)	5.48E-07	0.71 (0.64-0.77)	1.92E-13
rs1045574	8	143763958	G	1582	0.40	0.52	0.62 (0.53-0.73)	1.24E-08	4492	0.43	0.50	0.75 (0.67-0.84)	4.80E-07	0.7 (0.64-0.77)	1.66E-13
rs2294008	8	143761931	C	1584	0.40	0.52	0.62 (0.53-0.73)	1.38E-08	4460	0.43	0.50	0.75 (0.67-0.84)	5.28E-07	0.7 (0.64-0.77)	1.94E-13
rs2920279	8	143762135	A	1584	0.40	0.52	0.62 (0.53-0.73)	1.38E-08	4469	0.43	0.50	0.75 (0.67-0.84)	7.25E-07	0.71 (0.64-0.78)	2.86E-13
rs2585179	8	143774193	G	1564	0.40	0.52	0.62 (0.52-0.73)	1.39E-08	4453	0.43	0.50	0.76 (0.67-0.85)	1.25E-06	0.71 (0.65-0.78)	5.78E-13
rs1045531	8	143763547	C	1578	0.40	0.52	0.62 (0.53-0.73)	1.46E-08	4483	0.43	0.50	0.75 (0.67-0.84)	6.05E-07	0.71 (0.64-0.78)	2.46E-13
rs2976389	8	143760421	T	1560	0.40	0.52	0.62 (0.53-0.73)	1.62E-08	4403	0.43	0.50	0.74 (0.66-0.83)	2.49E-07	0.7 (0.64-0.77)	9.07E-14
rs2920282	8	143757763	T	1576	0.40	0.52	0.62 (0.53-0.73)	1.82E-08	4413	0.43	0.50	0.75 (0.67-0.84)	4.58E-07	0.7 (0.64-0.77)	1.99E-13
rs2920283	8	143757037	T	1576	0.40	0.52	0.62 (0.53-0.73)	1.82E-08	4413	0.43	0.50	0.75 (0.67-0.84)	4.69E-07	0.7 (0.64-0.77)	2.01E-13
rs2976386	8	143757409	G	1576	0.40	0.52	0.62 (0.53-0.73)	1.82E-08	4412	0.43	0.50	0.75 (0.67-0.84)	4.70E-07	0.7 (0.64-0.77)	2.04E-13
rs2978979	8	143757286	C	1576	0.40	0.52	0.62 (0.53-0.73)	1.82E-08	4412	0.43	0.50	0.75 (0.67-0.84)	4.70E-07	0.7 (0.64-0.77)	2.04E-13
rs2978980	8	143757708	T	1576	0.40	0.52	0.62 (0.53-0.73)	1.82E-08	4413	0.43	0.50	0.75 (0.67-0.84)	4.58E-07	0.7 (0.64-0.77)	1.99E-13
rs2978981	8	143759137	C	1576	0.40	0.52	0.62 (0.53-0.73)	1.82E-08	4415	0.43	0.50	0.75 (0.67-0.84)	4.87E-07	0.7 (0.64-0.77)	2.12E-13
rs2920292	8	143765699	A	1549	0.40	0.52	0.62 (0.53-0.73)	1.99E-08	4471	0.43	0.50	0.75 (0.67-0.84)	8.45E-07	0.71 (0.65-0.78)	4.94E-13
rs2920294	8	143765326	C	1549	0.40	0.52	0.62 (0.53-0.73)	1.99E-08	4471	0.43	0.50	0.75 (0.67-0.84)	8.45E-07	0.71 (0.65-0.78)	4.94E-13
rs2920295	8	143764937	A	1549	0.40	0.52	0.62 (0.53-0.73)	1.99E-08	4471	0.43	0.50	0.75 (0.67-0.84)	8.45E-07	0.71 (0.65-0.78)	4.94E-13

rs2976398	8	143764879	G	1549	0.40	0.52	0.62 (0.53-0.73)	1.99E-08	4471	0.43	0.50	0.75 (0.67-0.84)	8.45E-07	0.71 (0.65-0.78)	4.94E-13
rs2585181	8	143771714	C	1543	0.40	0.52	0.62 (0.53-0.73)	2.03E-08	4434	0.44	0.50	0.76 (0.68-0.85)	1.92E-06	0.71 (0.65-0.78)	1.27E-12
rs2717608	8	143771712	A	1543	0.40	0.52	0.62 (0.53-0.73)	2.03E-08	4434	0.44	0.50	0.76 (0.68-0.85)	1.92E-06	0.71 (0.65-0.78)	1.27E-12
rs13249440	8	143756892	G	1533	0.40	0.52	0.62 (0.52-0.73)	2.11E-08	4381	0.43	0.50	0.75 (0.67-0.84)	9.53E-07	0.71 (0.64-0.78)	5.63E-13
rs13256647	8	143756895	C	1533	0.40	0.52	0.62 (0.52-0.73)	2.11E-08	4381	0.43	0.50	0.75 (0.67-0.84)	9.53E-07	0.71 (0.64-0.78)	5.63E-13
rs34635647	8	143756890	A	1516	0.41	0.53	0.62 (0.52-0.73)	2.13E-08	4349	0.44	0.50	0.75 (0.67-0.84)	1.09E-06	0.71 (0.64-0.78)	6.86E-13
rs2572910	8	143770135	C	1531	0.41	0.52	0.62 (0.53-0.73)	2.66E-08	4450	0.43	0.50	0.76 (0.67-0.85)	1.16E-06	0.71 (0.65-0.78)	9.20E-13
rs2717562	8	143776668	T	1531	0.41	0.52	0.62 (0.53-0.73)	2.66E-08	4433	0.43	0.50	0.76 (0.68-0.85)	2.39E-06	0.71 (0.65-0.78)	2.14E-12
rs2920284	8	143756919	A	1544	0.40	0.52	0.63 (0.53-0.74)	3.52E-08	4393	0.43	0.50	0.75 (0.67-0.84)	7.82E-07	0.71 (0.64-0.78)	6.41E-13
rs2920285	8	143756218	G	1544	0.40	0.52	0.63 (0.53-0.74)	3.52E-08	4392	0.43	0.50	0.75 (0.67-0.84)	7.59E-07	0.71 (0.64-0.78)	6.15E-13
rs2920286	8	143754728	G	1544	0.40	0.52	0.63 (0.53-0.74)	3.52E-08	4392	0.43	0.50	0.75 (0.67-0.84)	7.33E-07	0.71 (0.64-0.78)	5.92E-13
rs2976385	8	143755426	A	1544	0.40	0.52	0.63 (0.53-0.74)	3.52E-08	4392	0.43	0.50	0.75 (0.67-0.84)	7.59E-07	0.71 (0.64-0.78)	6.15E-13
rs2978978	8	143756530	T	1544	0.40	0.52	0.63 (0.53-0.74)	3.52E-08	4393	0.43	0.50	0.75 (0.67-0.84)	7.82E-07	0.71 (0.64-0.78)	6.41E-13
rs2976384	8	143752994	T	1540	0.41	0.52	0.63 (0.53-0.75)	7.01E-08	4403	0.44	0.50	0.75 (0.67-0.84)	6.11E-07	0.71 (0.65-0.78)	8.06E-13
rs2976397	8	143764613	T	1578	0.48	0.37	1.52 (1.29-1.79)	3.57E-07	4485	0.45	0.38	1.35 (1.21-1.51)	1.58E-07	1.41 (1.28-1.54)	5.53E-13
rs2920281	8	143760444	T	1552	0.47	0.37	1.52 (1.29-1.79)	3.97E-07	4407	0.45	0.38	1.36 (1.21-1.52)	1.40E-07	1.41 (1.29-1.55)	4.95E-13
rs2920280	8	143761144	C	1576	0.48	0.37	1.52 (1.29-1.78)	4.14E-07	4435	0.45	0.38	1.35 (1.21-1.51)	2.48E-07	1.4 (1.28-1.54)	9.74E-13
rs2976388	8	143760256	A	1576	0.48	0.37	1.52 (1.29-1.78)	4.14E-07	4430	0.45	0.38	1.35 (1.21-1.51)	2.47E-07	1.4 (1.28-1.54)	9.96E-13
rs2976387	8	143759364	A	1568	0.47	0.37	1.51 (1.28-1.77)	6.64E-07	4422	0.45	0.38	1.35 (1.2-1.51)	2.93E-07	1.4 (1.27-1.54)	1.74E-12
rs2585183	8	143766059	G	1536	0.47	0.37	1.51 (1.28-1.78)	7.26E-07	4454	0.45	0.38	1.35 (1.2-1.51)	2.79E-07	1.4 (1.27-1.53)	1.83E-12
rs2978977	8	143755720	A	1512	0.47	0.36	1.51 (1.28-1.79)	8.02E-07	4383	0.44	0.38	1.34 (1.19-1.5)	7.47E-07	1.39 (1.27-1.53)	5.83E-12
rs12025565	1	222148890	A	1530	0.32	0.25	1.45 (1.21-1.73)	4.47E-05	4357	0.28	0.27	1.06 (0.93-1.2)	0.3841	1.17 (1.06-1.3)	0.002264
rs371061408	1	222147550	C	1536	0.32	0.24	1.45 (1.21-1.73)	4.63E-05	4353	0.28	0.27	1.06 (0.94-1.21)	0.3283	1.18 (1.06-1.3)	0.001727

MA, minor allele; MAF, minor allele frequency.