

Table SI. Comparisons of clinical characteristics among patients with different genotypes.

A, rs2016073				
Characteristics	A/A	G/A	G/G	P-value
CEA (ng/ml)	21.73±26.95	20.01±20.93	20.01±18.04	0.841
SF (ng/ml)	248.45±368.56	233.73±269.42	196.68±223.37	0.710
TNF (fmol/ml)	0.88±0.10	0.87±0.06	0.87±0.04	0.714
CA50 (U/ml)	9.21±15.87	11.59±23.59	6.06±6.05	0.550
AFP (20 ng/ml)	6.42±3.76	6.94±3.95	9.93±5.86	<0.001^a
NSE (ng/ml)	13.12±9.00	15.61±13.14	14.07±9.26	0.207
CF211 (ng/ml)	7.00±9.15	11.60±21.84	9.31±11.43	0.133
ProGRP (pg/ml)	51.97±82.65	35.18±29.34	56.59±118.94	0.215
B, rs4771436				
Characteristics	T/T	T/G	G/G	P-value
CEA (ng/ml)	21.63±27.22	20.42±20.68	19.16±15.06	0.862
SF (ng/ml)	240.97±350.73	254.83±307.41	155.26±154.76	0.379
TNF (fmol/ml)	0.88±0.10	0.87±0.05	0.87±0.05	0.803
CA50 (U/ml)	9.20±15.64	11.30±23.62	6.85±6.52	0.687
AFP (20 ng/ml)	6.43±3.86	6.84±3.89	10.91±5.71	<0.001^a
NSE (ng/ml)	13.05±8.82	15.87±13.40	13.71±8.32	0.126
CF211 (ng/ml)	6.77±8.46	12.37±22.37	7.64±5.82	0.044^a
ProGRP (pg/ml)	52.94±82.73	32.76±26.16	63.55±127.73	0.083
C, rs11069498				
Characteristics	G/G	G/A	A/A	P-value
CEA (ng/ml)	23.72±38.60	21.38±25.05	20.07±19.32	0.745
SF (ng/ml)	314.71±430.57	232.38±305.92	227.38±308.63	0.391
TNF (fmol/ml)	0.88±0.08	0.86±0.11	0.88±0.06	0.133
CA50 (U/ml)	9.60±15.65	10.45±19.89	9.53±18.64	0.958
AFP (20 ng/ml)	5.34±3.09	6.96±4.09	7.25±4.45	0.083
NSE (ng/ml)	13.52±7.51	12.83±10.73	15.40±11.24	0.171
CF211 (ng/ml)	7.39±6.93	6.18±6.91	11.20±19.94	0.075
ProGRP (pg/ml)	62.10±113.04	35.18±26.23	52.47±87.68	0.141
D, rs4150330				
Characteristics	A/A	G/A	G/G	P-value
CEA (ng/ml)	20.42±19.40	20.80±25.23	26.61±49.50	0.614
SF (ng/ml)	238.98±326.29	224.83±298.63	283.15±393.75	0.783
TNF (fmol/ml)	0.88±0.06	0.86±0.11	0.87±0.06	0.106
CA50 (U/ml)	10.34±20.27	8.34±14.9	11.82±19.43	0.776
AFP (20 ng/ml)	7.06±4.29	7.05±4.13	5.38±3.46	0.302
NSE (ng/ml)	14.82±11.17	13.19±10.36	12.54±7.00	0.419
CF211 (ng/ml)	10.22±17.99	6.94±9.26	6.64±5.29	0.314
ProGRP (pg/ml)	49.27±79.46	42.22±71.52	44.49±33.82	0.796
E, rs873601				
Characteristics	G/G	G/A	A/A	P-value
CEA (ng/ml)	19.85±26.83	21.65±25.5	20.47±18.1	0.871
SF (ng/ml)	215.46±274.92	245.02±320.23	240.65±359.55	0.821
TNF (fmol/ml)	0.87±0.05	0.87±0.10	0.90±0.07	0.068

Table SI. Continued.

E, rs873601				
Characteristics	G/G	G/A	A/A	P-value
CA50 (U/ml)	11.38±20.03	8.61±18.41	10.91±18.38	0.698
AFP (20 ng/ml)	8.81±5.23	6.59±3.77	6.15±3.62	<0.001^a
NSE (ng/ml)	14.10±11.06	14.02±10.92	14.44±10.18	0.963
CF211 (ng/ml)	9.28±11.73	9.55±18.63	7.64±10.75	0.742
ProGRP (pg/ml)	47.56±85.21	40.10±62.16	57.01±83.97	0.337
P-values were calculated with Kruskal-Wallis T tests. Bold and ^a P<0.05 indicate statistical significance. CEA, carcinoembryonic antigen; SF, serum ferritin; TNF, tumor necrosis factor; CA50, carbohydrate antigen 50; AFP, α -fetoprotein; NSE, neuron-specific enolase; CF211, cyto-keratin-19-fragment CYFRA21-1; ProGRP, pro-gastrin-releasing peptides.				