

Supplementary table 1 Stratification analyses by clinical characteristics about the rs28757157 polymorphism

Variables	p^\dagger , OR (95% CI)						
	Allele	Homozygote	Heterozygote	Dominant	Recessive	Additive	
Gender	Male	0.847,1.03(0.80-1.32)	0.147,0.51(0.20-1.27)	0.211,1.22(0.89-1.67)	0.393,1.14(0.84-1.55)	0.104,0.47(0.19-1.17)	0.818,1.03(0.79-1.35)
	Female	0.158,1.33(0.89-1.98)	0.555,0.60(0.11-3.33)	0.059,1.65(1.03-2.65)	0.059,1.57(0.98-2.50)	0.418,0.49(0.09-2.73)	0.129,1.39(0.91-2.14)
Tumor type	LUAD	1.000,1.00(0.74-1.35)	0.248,0.48(0.14-1.67)	0.330,1.20(0.83-1.71)	0.512,1.13(0.79-1.60)	0.205,0.45(0.13-1.55)	0.869,1.03(0.75-1.40)
	LUSC	0.431,1.15(0.81-1.62)	0.792,0.86(0.28-2.67)	0.404,1.21(0.78-1.87)	0.478,1.17(0.76-1.79)	0.694,0.80(0.26-2.45)	0.639,1.09(0.76-1.57)
LNM	(-)	1.00	1.00	1.00	1.00	1.00	1.00
	(+)	0.358, 0.81(0.53-1.26)	0.110,0.22(0.04-1.41)	0.651,0.88(0.51-1.52)	0.471,0.82(0.49-1.40)	0.119,0.23(0.04-1.46)	0.279,0.76(0.47-1.24)
Stage	I~II	1.00	1.00	1.00	1.00	1.00	1.00
	III~IV	0.705,1.09(0.71-1.67)	0.626,0.65(0.11-3.69)	0.410,1.25(0.74-2.10)	0.473,1.21(0.72-2.01)	0.558,0.60(0.11-3.35)	0.601,1.14(0.70-1.83)

LUAD: Lung Adenocarcinoma; LUSC: Lung Squamous cell carcinoma; LNM: lymph node metastasis.

Allele: T > C; Homozygote: TT; Heterozygote: TC; Dominant: CC vs TT-TC; Recessive: TC-CC vs TT.

$^\dagger p$ values were calculated from logistic regression.

Supplementary table 2 Stratification analyses by clinical characteristics about the rs59429575 polymorphism

Variables	p^\dagger , OR (95% CI)						
	Allele	Homozygote	Heterozygote	Dominant	Recessive	Additive	
Age	≤ 60	0.456,1.14(0.81-1.60)	0.217,1.92(0.68-5.38)	0.939,1.02(0.67-1.54)	0.665,1.09(0.73-1.62)	0.217,1.91(0.68-5.32)	0.428,1.15(0.82-1.60)
	> 60	0.845,1.03(0.75-1.43)	0.196,1.94(0.71-5.30)	0.353,0.83(0.55-1.23)	0.646,0.91(0.63-1.34)	0.863, 0.92(0.34-2.46)	0.921,1.02(0.74-1.40)
BMI	≤ 24	0.921,0.98(0.68-1.41)	0.808,1.13(0.42-3.00)	0.760,0.93(0.59-1.46)	0.845,0.96(0.63-1.47)	0.776,1.15(0.44-3.03)	0.957,0.99(0.70-1.40)
	> 24	0.958,0.99(0.66-1.49)	0.570,1.44(0.41-5.05)	0.442,0.82(0.50-1.36)	0.589,0.88(0.54-1.42)	0.515,1.51(0.43-5.27)	0.814,0.95(0.64-1.43)
Smoking	Yes	0.314,1.24(0.82-1.87)	0.159,3.00(0.65-13.80)	0.983,1.01(0.62-1.64)	0.645,1.12(0.70-1.79)	0.158,2.99(0.65-13.71)	0.374,1.20(0.80-1.80)
	No	0.695,0.93(0.64-1.35)	0.618,1.32(0.45-3.85)	0.241,0.76(0.47-1.21)	0.366,0.81(0.52-1.27)	0.512,1.43(0.49-4.15)	0.617,0.91(0.63-1.31)
Drinking	Yes	0.346,1.27(0.77-2.11)	0.883,1.15(0.18-7.37)	0.350,1.33(0.73-2.42)	0.355,1.32(0.74-2.36)	0.944,1.07(0.17-6.80)	0.396,1.26(0.74-2.12)
	No	0.421,0.86(0.60-1.24)	0.581,1.33(0.48-3.68)	0.103,0.69(0.44-1.08)	0.76(0.50-1.16)0.204	0.447,1.48(0.54-4.04)	0.465,0.88(0.63-1.24)

BMI: body mass index.

Allele: T > C; Homozygote: TT; Heterozygote: TC; Dominant: CC vs TC-TT; Recessive: TC-CC vs TT.

$^\dagger p$ values were calculated from logistic regression.