

Table SI. Independent risk factor for mortality in AP patients by logistic regression model analysis.

Items	P-value	OR	95% CI	
			Lower	Upper
Univariate logistic regression				
CDC42 expression	0.004	0.001	0.000	0.119
Age	0.303	1.024	0.979	1.070
Gender (Male vs. Female)	0.573	0.708	0.213	2.352
CRP	0.040	1.006	1.000	1.011
Etiology				
BAP	Ref.			
HTGAP	0.193	2.407	0.642	9.021
AAP	0.579	1.917	0.192	19.094
Others	0.948	1.078	0.113	10.309
Ranson's score	<0.001	6.070	2.561	14.387
APACHE II score	<0.001	1.228	1.114	1.354
SOFA score	<0.001	2.369	1.615	3.477
TNF- α	0.198	1.003	0.998	1.007
IL-6	0.051	1.010	1.000	1.019
Treatment				
Conservative therapy	Ref.			
Laparotomy	0.001	9.583	2.481	37.016
Percutaneous drainage	0.676	1.597	0.177	14.399
Multivariate logistic regression				
CDC42 expression	0.013	0.002	<0.001	0.274
APACHE II score	<0.001	1.212	1.088	1.349

AP, acute pancreatitis; OR, odds ratio; CI, confidence interval; CDC42, cell division cycle 42; CRP, C-reactive protein; BAP, biliary acute pancreatitis; HTGAP, hypertriglyceridemia acute pancreatitis; AAP, alcohol-induced acute pancreatitis;

APACHE II, Acute Physiology and Chronic Health Evaluation II; SOFA, Sequential Organ Failure Assessment; TNF- α , tumour necrosis factor alpha; IL-6, interleukin 6.