

Supplementary Table S1. Correlation between overall survival (OS) and multivariable characteristics in TCGA-LUAD patients *via* Cox regression

ID	HRs	95% CI	P value
Age	1.216	0.910–1.625	0.186
Gender	1.087	0.816–1.448	0.569
Pathologic stage	2.710	1.994–3.685	< 0.001
T stage	2.352	1.614–3.426	< 0.001
N stage	2.547	1.904–3.407	< 0.001
M stage	2.176	1.272–3.722	0.005
<i>PRR11</i>	1.268	1.117–1.441	< 0.001

Supplementary Table S2. Correlation between overall survival (OS) and multivariable characteristics in TCGA-LUAD patients *via* a Multivariate survival model

ID	HRs	95% CI	P value
Age	1.193	0.848–1.679	0.31
Gender	0.999	0.716–1.395	0.996
Pathologic stage	1.350	0.819–2.227	0.239
T stage	1.742	1.086–2.794	0.021
N stage	1.840	1.239–2.733	0.003
M stage	1.358	0.701–2.632	0.364
<i>PRR11</i>	1.234	1.056–1.442	0.008

Supplementary Table S3. Association between *PRR11* expression and clinical characteristics using Logistic Regression

Clinical characteristics	Total (N)	Odds ratio (OR)	P value
Age (> 65 vs. ≤ 65)	520	0.819 (0.580–1.155)	0.255
Gender (Male vs. Female)	539	1.380 (0.982–1.938)	0.063
Pathologic stage (Stage II & Stage III & Stage IV vs. Stage I)	531	1.707 (1.208–2.412)	0.002
T stage (T2 & T3 & T4 vs. T1)	536	1.938 (1.343–2.798)	< 0.001
N stage (N1 & N2 & N3 vs. N0)	523	1.836 (1.267–2.661)	0.001
M stage (M1 vs. M0)	390	1.508 (0.660–3.445)	0.330