Supplementary materials

Table S1 Summary of the baseline demographic characteristics of the 108 patients with non-small cell lung cancer (NSCLC) in TCGA database

Characteristics	Cases, n	UBL3-low, n (%)	P
Total number	108	76 (70.4)	
Age (years)			
< 65	41	26 (63.4)	0.216
≥ 65	67	50 (74.6)	
Gender			
Male	51	36 (70.6)	0.009
Female	57	26 (45.6)	
Smoking status			
Smoker	95	72 (75.8)	0.275
Non-smoker	7	4 (57.1)	
Not recorded	6	4 (66.7)	
Histology			
LUAD	58	30 (51.7)	4.86E-06
LUSC	50	46 (92)	
TNM stage			
I-II	85	57 (67.1)	0.092
III-IV	21	18 (85.7)	
Not recorded	2	1 (50)	
Anatomic subdivision of lung neoplasm			
Upper	63	43 (68.3)	0.619
Lower	37	27 (73)	
Middle	4	4 (100)	
Not recorded	4	2 (100)	
Vital status			
Living	56	32 (57.1)	0.002
Dead	52	44 (84.6)	

P values were calculated using a two-sided Fisher's exact test. "UBL3-low" indicates that the levels of UBL3 were lower in tumor tissues than in normal tissues. LUAD, lung adenocarcinoma; LUSC, lung squamous cell carcinoma.
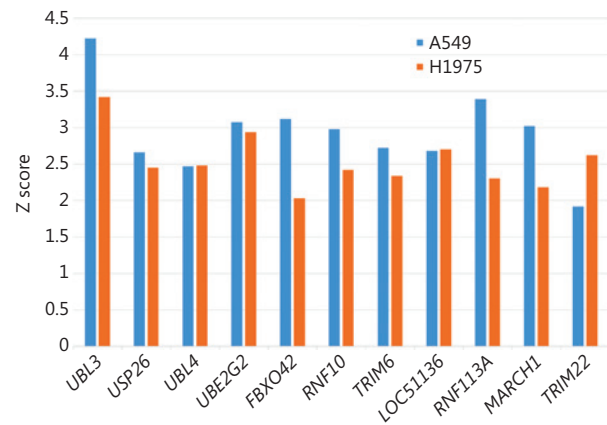

Figure S1 The 11 UPGs that have a Z score of ≥ 2.