

Supplementary Table 3: Clinical information of TCGA cohort.

Variable	Case, n
Age	
>65y	174
≤65y	324
Gender	
Male	365
Female	133
Grade	
G1	61
G2	298
G3	118
G4	2
unknow	19
Status	
Alive	281
Dead	217
TNM Stage	
I	25
II	69
III	78
IV	258
unknow	68
T classification	
T1	45
T2	131
T3	96
T4	170
unknow	56
M classification	
M0	184
M1	1
unknow	313
N classification	
N0	169
N1	65
N2	164
N3	7
unknow	93
Smoking classification	
Yes	378
No	110
unknow	10
Drinking classification	
Yes	330
No	157
unknow	11
HPV status	
Positive-p16	30
Negative	79
Other HPV	3

