

Supplementary Table 2: Clinical information of GEO cohort.

<b>Variable</b>	<b>Case, <i>n</i></b>
Age	
>65y	86
≤65y	183
Gender	
Male	222
Female	47
Status	
Alive	176
Dead	93
TNM Stage	
I	18
II	37
III	37
IV	177
T classification	
T1	35
T2	80
T3	58
T4	96
M classification	
M0	262
M1	7
N classification	
N0	94
N1	32
N2	131
N3	12
Smoking classification	
Yes	221
No	48
Drinking classification	
Yes	238
No	31
HPV status	
HPV16	60
Negative	196
Other HPV	13