

**Table S1.** Clinical characteristics of patients recruited in this study.

Item	Cancer	Normal
<b>Gender</b>		
Male	62 (86%)	30 (88%)
Female	10 (14%)	4 (12%)
<b>Age</b>		
Range (year old)	32-80	23-80
Mean $\pm$ SD (years)	52.6 $\pm$ 10.3	50.8 $\pm$ 12.5
$\leq$ 40 years old	9 (13%)	6 (18%)
41-50 years old	20 (28%)	9 (26%)
51-60 years old	26 (36%)	12 (35%)
$\geq$ 61years old	17 (23%)	7 (21%)
<b>Habits</b>		
Alcohol drinking	24 (33%)	
Betel quid chewing	37 (51%)	
Cigarette smoking	44 (61%)	
<b>Pathologic T-status</b>		
T1-T2	44 (61%)	
T3-T4	28 (39%)	
<b>Pathologic N-status</b>		
pN 0	29 (40%)	
pN+	43 (60%)	
<b>Pathologic overall stage</b>		
I - II	28 (39%)	
III - IV	44 (61%)	
<b>Total</b>	72 (100%)	34 (100%)