

Table S1-Statistical association of clinical and pathologic characteristics with engraftment.

	Number of Patients		p-Value (statistical test)
	XG (n=29)	No-XG (n=23)	
Age, Median (range)	67.75 (48.65-80.34)	67.46 (47.14-87.95)	0.67 (Mann-Whitney test)
Tumor size, median (range)	4.5 cm (1.8-11)	4.3 cm (1.4-13.5)	0.77 (Mann-Whitney test)
Sex			
Female	6 (21%)	13 (57%)	0.01 (Fisher's Exact t-test)
Male	23 (79%)	10 (43%)	
Smoking			
Never	1 (3%)	2 (9%)	0.58 (Fisher's Exact t-test)
Ever	28 (97%)	21 (91%)	
Pathologic stage			
I	14 (48%)	11 (48%)	0.94 (Fisher's exact t-test)
II	10 (34%)	7 (30%)	
III/IV	5 (17%)	5 (22%)	
Histologic subtype			
ADC	7 (24%)	17 (74%)	0.00072 (Fisher's Exact t-test)
SCC	19 (66%)	6 (26%)	
Other	3 (10%)	0 (0%)	
Grade			
Well differentiated	0 (0%)	3 (13%)	0.036 (Fisher's Exact t-test)
Moderately differentiated	11 (38%)	12 (52%)	
Poorly differentiated	18 (62%)	8 (35%)	
Inflammation			
Mild	25 (86%)	12 (52%)	0.021 (Fisher's Exact t-test)
Moderate	3 (10%)	5 (22%)	
Severe	1 (3%)	6 (26%)	